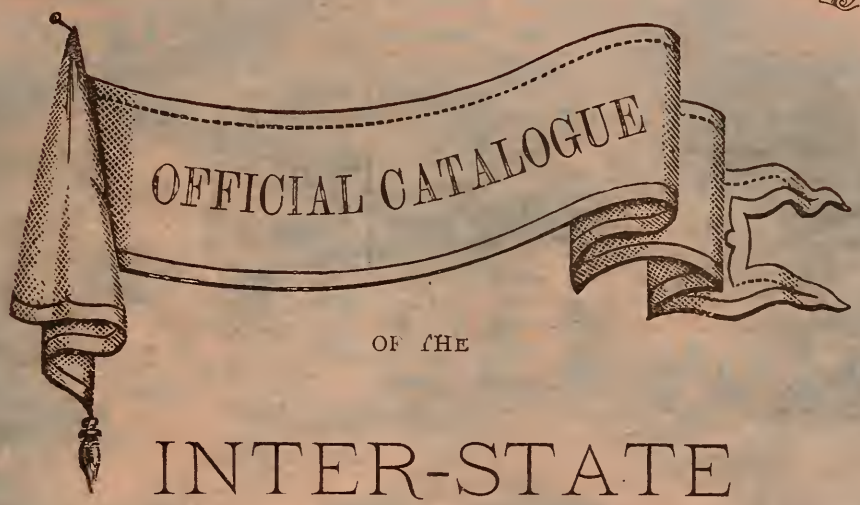
THE LIBRARY OF CONGRESS

THE LIBRARY OF CONGRESS



OF THE

INTER-STATE

Industrial Exposition

OF

CHICAGO, ILL.

PUBLISHED BY ORDER OF THE EXECUTIVE COMMITTEE.

JOHN P. REYNOLDS, SEC'Y.

JAMES NOWLAN, Publisher.

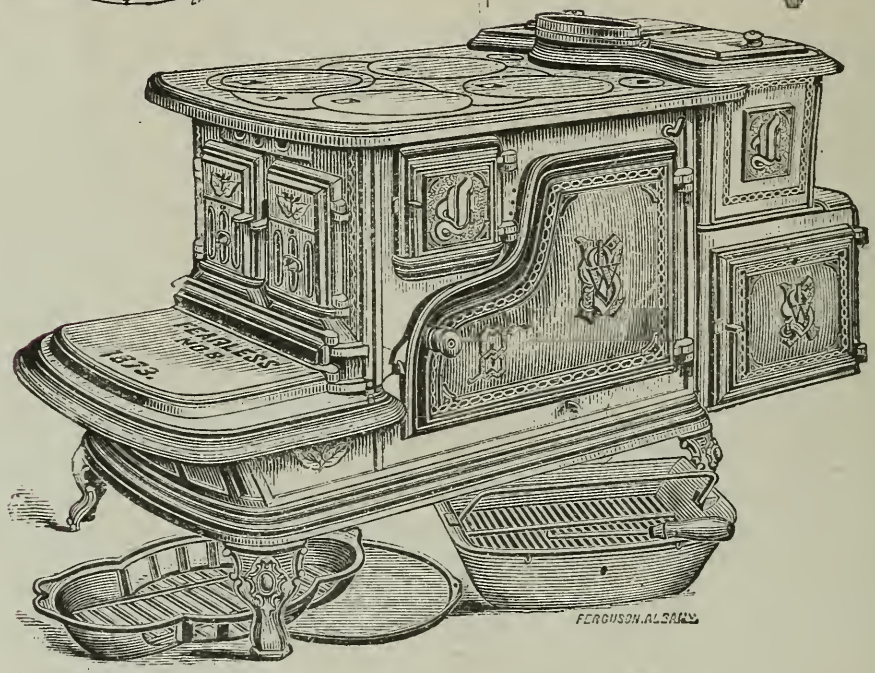
PRICE 20 CENTS.

CHICAGO:
PRINTED BY THE STAATS-ZEITUNG JOB PRINTING CO.
1873.

COPYRIGHT SECURED.

CHICAGO, ILL., *38 & 40 Lake Street.* | DETROIT, MICH., *23 Monroe Avenue.* | ALBANY, N. Y., *9 & 11 Green Street.*

GET THE BEST!



THE FEARLESS,

For Hard Coal, Soft Coal or Wood.

THE MOST PERFECT COOK STOVE EVER MADE.

THE

BRILLIANT BASE BURNER,

Not excelled for Beauty, Economy or Heating Power.

Our Assortment of over 200 Varieties is worthy the Attention of the closest Buyers. Prices guranteed as low as any market.

RATHBONE, SARD & CO.,

38 & 40 LAKE ST., - CHICAGO.

WHEELER & WILSON

SEWING MACHINES.

FARRAR & WHEELER,

General Agents For

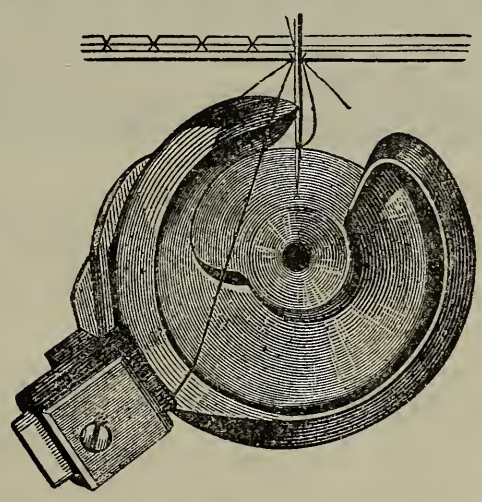
Illinois, Iowa, Minnesota, Nebraska, Utah, Colorado and Montana.

EXAMINE THE

NEW DRAW-FEED FAMILY MACHINE,

And acknowledge you did not imagine one Half its Capacity.

ROTARY MOTION



Is Economy of Power.

THE NEW No. 6 MANUFACTURING MACHINE

FOR HEAVY LEATHER AND CLOTH WORK,

JUST OUT!

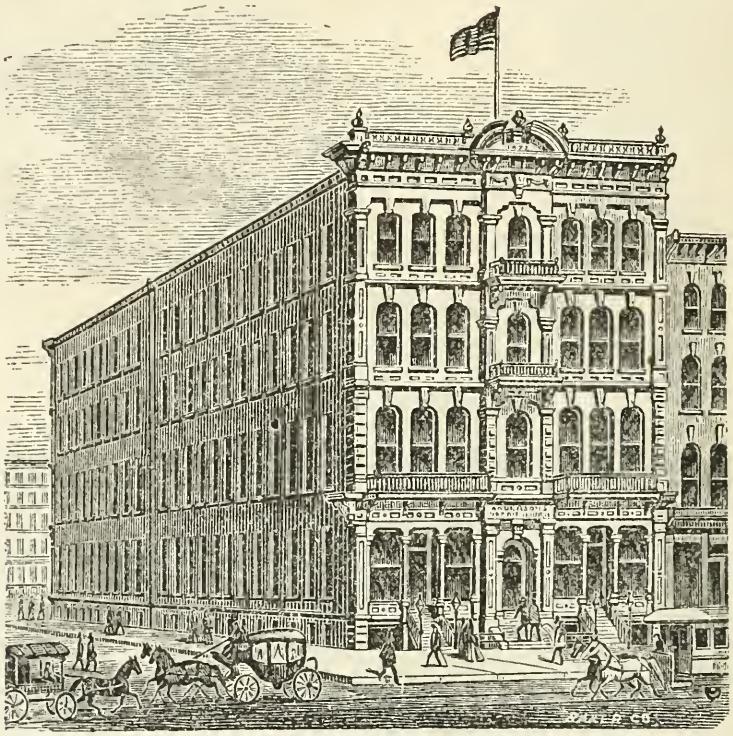
Runs over a Thousand Stitches a Minute by Steam, uses a Shorter Needle than other Machines, and is far more durable.

BUY THE BEST BECAUSE IT IS THE CHEAPEST.

OFFICE, 155 STATE ST.

ANDERSON'S

European Hotel,



AND RESTAURANT,

143 AND 145 MADISON STREET.

ROOMS $1.00 TO $2.00 PER DAY.

This Hotel is the most central in Chicago, being adjacent to the CHAMBER OF COMMERCE and BOARD OF TRADE, and but two or three squares from the CITY HALL and CUSTOM HOUSE and all the PRINCIPAL PLACES OF AMUSEMENT.

The house contains 125 finely furnished Rooms with BUSINESS EXCHANGE, READING ROOM, BARBER SHOP, BATHING ROOMS, &c.

THE RESTAURANT is supplied with every thing the Market affords at moderate prices.

Order what you want, and pay for what you order.

BRANCH RESTAURANT IN EXPOSITION BUILDING.

☞ No Advance in Prices during the Exposition Rush.

Families spending the day in the City are invited to make this Hotel their Headquarters.

No charge for use of Parlors, Ladies' Dining Room or Parlor Floor.

GILBERT HUBBARD & CO.

Ship Chandlers and Sail Makers.

DEALERS IN

TWINES AND CORDAGE,

Tents, Awnings, Wagon Covers & Paulins,

FLAGS & BANNERS,

NETS AND SEINES,

BLOCKS AND ROPE,

Steel and Iron Wire Rope,

226, 228 & 230 So. Water Street,

CHICAGO.

Gilbert Hubbard. **Geo. D. Carpenter.**

KIMBARK BROS. & CO.

SUCCESSORS TO HALL, KIMBARK & CO.

IMPORTERS, MANUFACTURERS AND DEALERS IN

Iron, Steel, Nails,

AND

HEAVY HARDWARE,

ANVILS,
VISES,
BELLOWS,
HAMMERS,
PICKS,
MATTOCKS,
MINING TOOLS, Etc.

SPRINGS,
AXLES,
BOLTS,
NUTS,
WASHERS,
HUBS,
SPOKES,
FELLOES,
WAGON MATERIAL
Generally.

SOLE WESTERN AGENTS

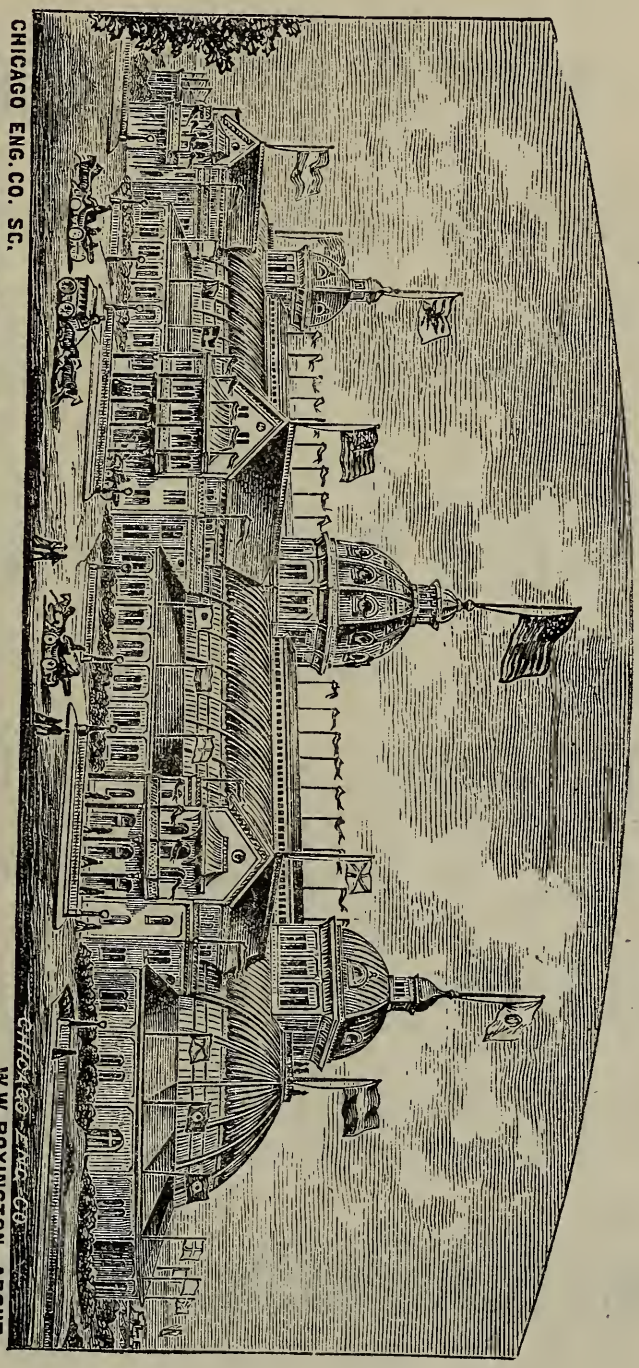
FOR THE CELEBRATED

CHROME STEEL,

80, 82 & 84 MICHIGAN AVENUE,

CHICAGO.

The Window Glass in this Building was furnished by the Rock Island Glass Co. LESTER & UPDIKE, Agents.



INTER-STATE INDUSTRIAL EXPOSITION, OF CHICAGO, 1873.

LENGTH, 800 FEET. **WIDTH, 200 FEET.** **DOME, 160 FEET HIGH.**

President.
POTTER PALMER.

Vice-Presidents.
JOS. MEDILL. W. F. COOLBAUGH. POTTER PALMER. R. T. CRANE.
C. B. FARWELL. N. K. FAIRBANK. GEO. H. LAFLIN. GEO. S. BOWEN.
JACOB ROSENBERG. DAVID A. GAGE. JOHN B. DRAKE. JOHN P. REYNOLDS.

Executive Committee.
N. S. BOUTON, *Chairman.*

Treasurer.
J. IRVING PEARCE.

Secretary.

The Fluted Glass in the Roof of this Building was furnished by JAMES H. RICE, No. 23 Quincy Street, Chicago.

American Express Company.

GENERAL EXPRESS FORWARDERS,

Collecting and Commission Agents.

OFFICES IN ALL THE PRINCIPAL CITIES AND VILLAGES

IN THE

United States and Canadas.

CONNECTING IN NEW YORK WITH RESPONSIBLE

EUROPEAN EXPRESS CO'S.

AT OMAHA AND KANSAS CITY WITH

Wells, Fargo & Co.'s California Express

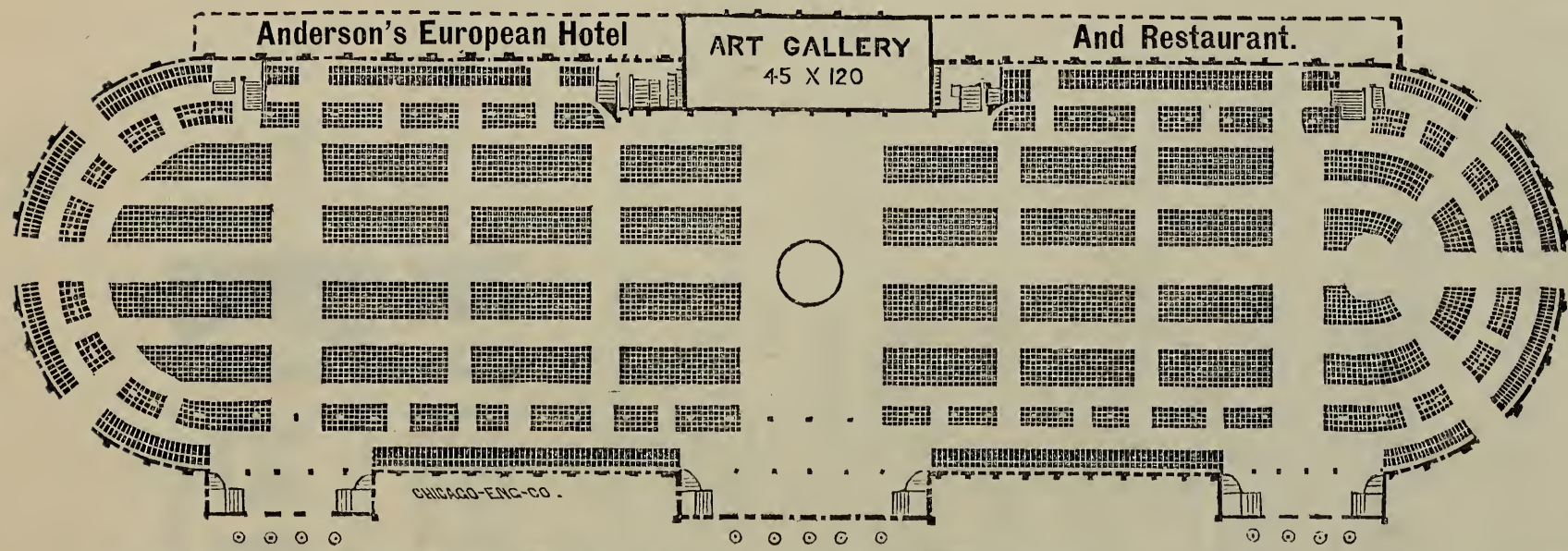
BANKING COMPANY.

SELL TELEGRAPH EXCHANGE IN ALL IMPORTANT CITIES.

CHAS. FARGO,

Ass't Gen'l Superintendent.

WM. G. FARGO, Pres.
JAS. C. FARGO, Gen'l Supt. } New York.



STEWART COOKING AND HEATING STOVES,
WARREN DOUBLE OVEN RANGES,
LAWSON'S DIAMOND AND RUBY FURNACES,
Keep's Fire Place Heaters, Keep's Side Burner,
The Celebrated Hot Blast Range with Closet, &c.

MANUFACTURED BY

FULLER, WARREN & CO.,

58 and 60 Lake Street, - - CHICAGO.

THE KIRBY HARVESTING MACHINES

Self-Raking Reapers!
Combined Reapers and Mowers!
Two-Wheel Mowers!

A COMPLETE VARIETY
FROM WHICH
All Classes of Farmers can select Machines
BEST SUITED TO THEIR WANTS.

SIMPLE! STRONG
DURABLE! LIGHT DRAFT!
PERFECTION of PRINCIPLE!
PERFECT WORK!

IMPORTANT IMPROVEMENTS!

Manufactured only by
D. M. OSBORNE & CO. Auburn, N.Y.

Branch Offices and Warehouses:
Chicago, Illinois.
Cleveland, Ohio.
St. Louis, Missouri.
Philadelphia, Pa.
So. Framingham, Mass.

Address D. M. OSBORNE & CO.,
AT EITHER PLACE.

Pamphlets in the English, German, Swedish or Bohemian Languages, giving full descriptions and prices, can be had from local agents, or will be mailed free on application.

ARTISTS' MATERIALS.

The largest and most complete stock of

ARTISTS' MATERIALS

AND WAX FLOWER MATERIALS,

to be found in this City can be had of

P. M. ALMINI & CO., 344 STATE STREET.

☞ *Schools and Colleges supplied at Liberal Rates.* ☜

FOR SALE BY ALL NEWSDEALERS.

The Land Owner Year Books.

"One Year after the Fire, Chicago Illustrated,"

Containing 100 superb engravings of buildings erected during the first year after the great fire.

"Two Years after the Fire, Chicago Illustrated,"

Containing 100 superb engravings of buildings erected during the second year after the great fire.

Sent to any address on receipt of 75 Cts. and 8 Cts. in stamps.

J. M. WING & CO., 91 Madison St., Chicago.

F. MAYER. J. A. KIRCHNER.

F. MAYER & CO.

WHOLESALE MANUFACTURERS OF

FURNITURE

BEDSTEADS AND CENTRE TABLES A SPECIALTY.

Nos. 302 to 314 South Clinton Street,

CHICAGO.

HEATH & HOBKIRK,

166 East Randolph Street, CHICAGO, ILLINOIS.

BRANCH OF **UNION STONE CO.** Manufacturers of

UNION EMERY WHEELS and GRINDING MACHINERY

OF EVERY VARIETY. $50.000 WORTH IN STOCK.

EMERY CLOTH, all numbers. DIAMOND TOOLS. TURKEY EMERY by the keg.

SMITH, CLEMENTS & CO.,

ROOFERS,

MANUFACTURERS OF THE

CHALLENGE

Fire and Water Proof Roof for Buildings and Cars.

Dealers in Felt and Roofing Material generally. We Manufacture also a CHALLENGE FIRE PROOF PAINT for the protection of Wood, Tin and Iron.

Office, 119 Dearborn St., Rooms 1 & 2.

Manufactory, 164 West Monroe Street, CHICAGO.

W. M. BROWN, Supt.

GLANZ & HOFFMAN,

FUR WAREHOUSE,

Importers, Manufacturers and Dealers in

FANCY FURS

No. 124 Fifth Avenue,

Chas. Glanz.
P. Hoffman.

CHICAGO.

Ladies' and Gents' Fancy Furs, Sleigh Robes, and all kinds of Silk Tassels and Fur Trimmings constantly on hand.

BUYERS ARE INVITED TO EXAMINE OUR STOCK BEFORE PURCHASING ELSEWHERE.

We Guarantee Low PRICES and best quality of goods.

A SUCCESSFUL CHICAGO ENTERPRISE!

THE NATIONAL LIFE INSURANCE CO..

78 & 80 Van Buren Street, CHICAGO.

COMMENCED BUSINESS IN JUNE, 1870,

BASING ITS CLAIMS FOR PATRONAGE UPON THE FOLLOWING PROPOSITIONS:

FIRST. That the insured should ***only pay for deaths that actually occur,*** and not for assumed deaths, which never occur in the company because of the lapsing of policies.

SECOND.—That the insured should not be compelled ***while he is young*** to deposit money to ***pay for insurance when he is old,*** which insurance he may never want.

THIRD. That a ***small fixed sum*** should be charged for working expenses of the Company, instead of an indefinite one limited only by the avarice of the officers and the ability of the insured to pay.

These ***principles*** have been ***faithfully carried out*** and the ***National*** has thus furnished

Life Insurance at about One-half the Cost

IN THE OLD STYLE HIGH RATE COMPANIES.

Note the following PRACTICAL RESULTS of three years Business:

18,000 POLICIES ISSUED.

DEATH LOSSES PAID AMOUNTING TO $210,074.44,

At a cost to the Insured of only $4,386.40,

which latter sum if paid to an old line high rate company would have secured only $98,184.57 thus proving that the Reciprocal plan of the National, has saved to the widows and orphans of deceased members the sum of $104,706.83.

All who are insured in high rate companies and feel that they are paying too much, and all who desire to secure protection for their familes at a reasonable cost, should investigate the plan of the National.

For full information call at the Company's office or write for Circulars.

NATIONAL LIFE INSURANCE CO,

78 & 80 Van Buren Street.

INTER-STATE
INDUSTRIAL EXPOSITION,
OF CHICAGO.
1873.

POTTER PALMER, - - - - - - - President.

VICE-PRESIDENTS.

JOSEPH MEDILL, CHAS. B. FARWELL.
W. F. COOLBAUGH, JACOB ROSENBERG.
N. K. FAIRBANK.

J. IRVING PEARCE, Treasurer. JOHN P. REYNOLDS, Secretary.

EXECUTIVE COMMITTEE.

N. S. BOUTON, Chairman, POTTER PALMER,
GEO. W. LAFLIN, R. T. CRANE,
JNO. B. DRAKE, GEO. S. BOWEN,
EDWIN LEE BROWN, DAVID A. GAGE.

BOARD OF DIRECTORS.

POTTER PALMER, N. K. FAIRBANK, N. S. BOUTON,
GEO. B. LYON, J. IRVING PEARCE, WM. E. DOGGETT,
JNO. B. DRAKE, C. B. FARWELL, DAVID A. GAGE,
A. C. HESING, GEO. S. BOWEN, H. H. TAYLOR,
JOSEPH MEDILL, EDWIN LEE BROWN, R. T. CRANE,
W. F. COOLBAUGH, CHARLES A. FARGO, C. FURST,
MARSHALL FIELD, T. W. HARVEY, T. B. BRYAN,
GEO. H. LAFLIN, JACOB ROSENBERG, A. T. AVERY,
JOHN P. REYNOLDS.

WHOLESALE. ESTABLISHED 1838. *RETAIL.*

BURLEY & TYRRELL,

IMPORTERS AND JOBBERS OF

CROCKERY

CHINA, GLASSWARE,

Lamps, Fancy Goods, Etc.,

Nos. 274, 276 AND 278 WABASH AVENUE,

CORNER VAN BUREN ST.,

CHICAGO.

GOODS BY THE PACKAGE OR REPACKED.

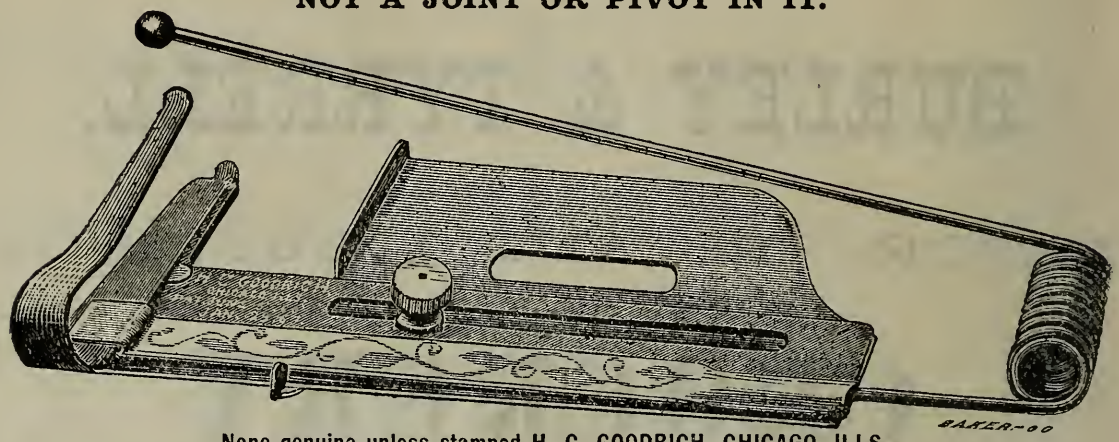
PROMPT ATTENTION GIVEN TO ORDERS.

☞ Correspondence of Country Merchants Solicited. ☜

The Goodrich Tuck Marker

FOR ALL SEWING MACHINES.

NOT A JOINT OR PIVOT IN IT.



None genuine unless stamped H. C. GOODRICH, CHICAGO, ILLS.,

IT IS THE

STANDARD TUCK MARKER.

One Million of Ladies Use It!

ITS SUPERIOR MERITS

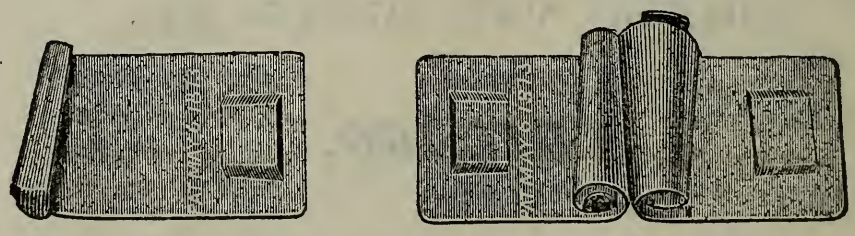
Are that it is simple in its construction. It is the least liable to get out of repair. It MAKES the least noise when in use. It takes the least power to operate it. It makes the Best Crease in the cloth. It is the only TUCK MARKER HAVING THE "MADE TUCK GUIDE," and it is WITHOUT A SUCCESSFUL RIVAL.

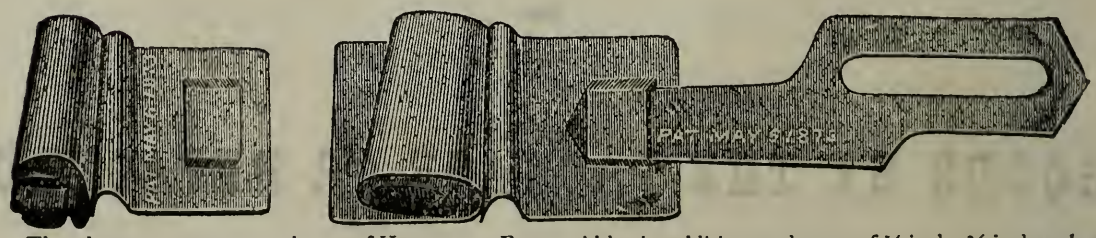
GOODRICH'S PATENT HEMMERS

PATENTED MAY 6, 1873.

FOUR DIFFERENT WIDTHS AND DRESS BINDER.

One Common Shank holds all the various widths.



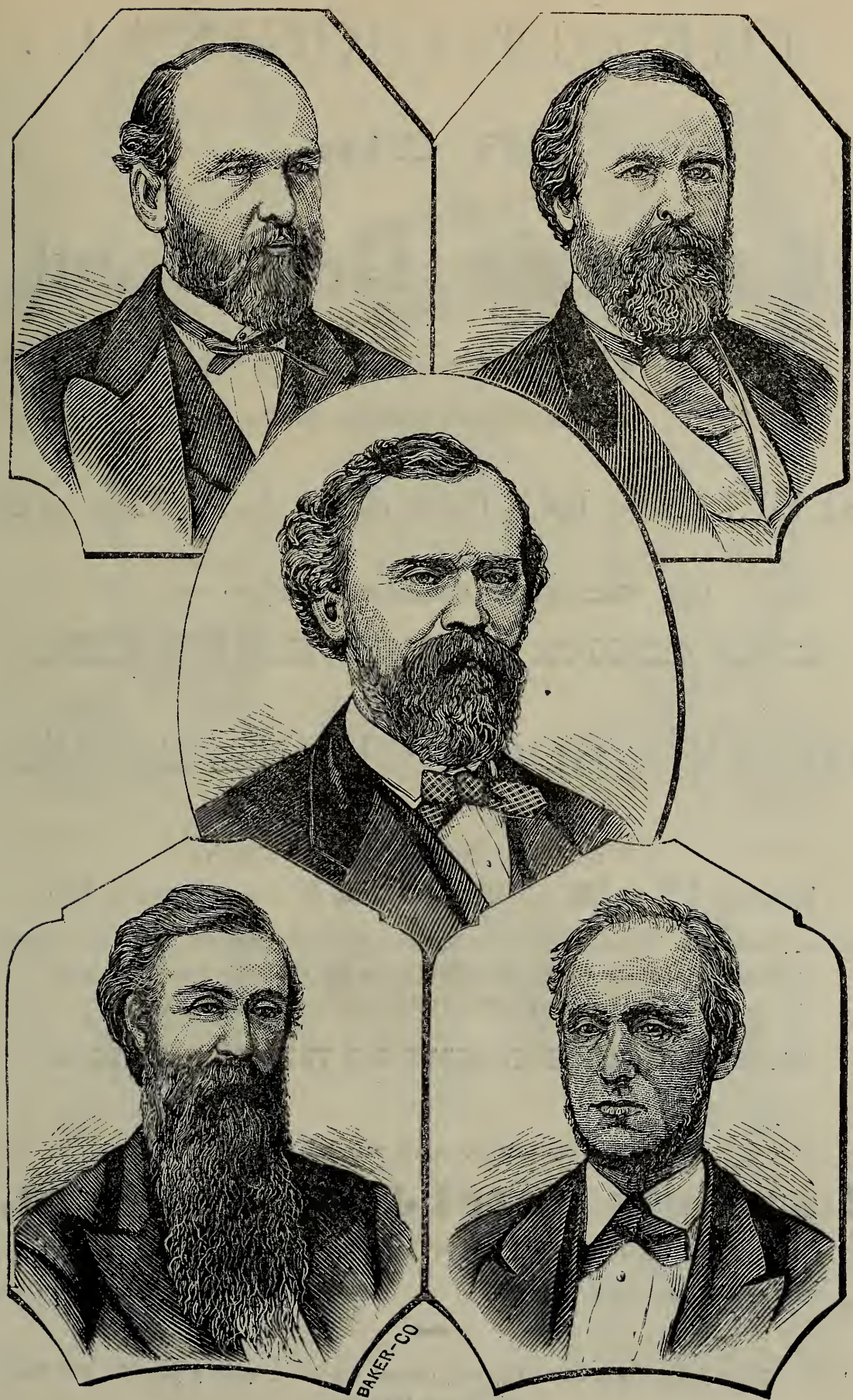


The above cut represents the set of Hemmers. Extra widths in addition to the set, of ½ inch, ¾ inch and one inch, are furnished at prices which defy competition. These are the best and cheapest Hemmers ever made. **Retail Price, $1.00.**

H. C. GOODRICH, Manufacturer and Dealer in all the Standard Sewing Machine Attachments, the Best English Needles and Sewing Machine Supplies of every description.

Office and Salesroom, 205 State St., CHICAGO, ILLS.

Branch Office, 103 North 10th St., Philadelphia, Pa.



Chas. B. Farwell. Potter Palmer, Pres't. W. F. Coolbaugh.
J. Irving Pearce, Treas. Jacob Rosenberg.

THE OLD ORIGINAL

25 Cts.

California Restaurant,

144 & 145 MICHIGAN AVENUE,

(Opposite the Grand Exposition Building.)

ALSO,

SLEEPING ROOMS & 25 CT. MEALS

AT

53 South Canal Street.

SINGLE BED 50 Cts. PER NIGHT; $2.50 PER WEEK.

DINING ROOMS FOR LADIES.

25 CENT MEAL HOURS:

Breakfast 6:15 to 9:30. Dinner 11:30 to 3. Tea 5 to 7:30.

Meals between Hours will be charged as per printed List of Prices, which prices are from 25 CENTS to 50 CENTS less than the Bill of Fare in any respectable restaurant in the City.

DINNERS COOKED TO ORDER FOR PRIVATE PARTIES.

IN CONNECTION WITH THE ABOVE IS

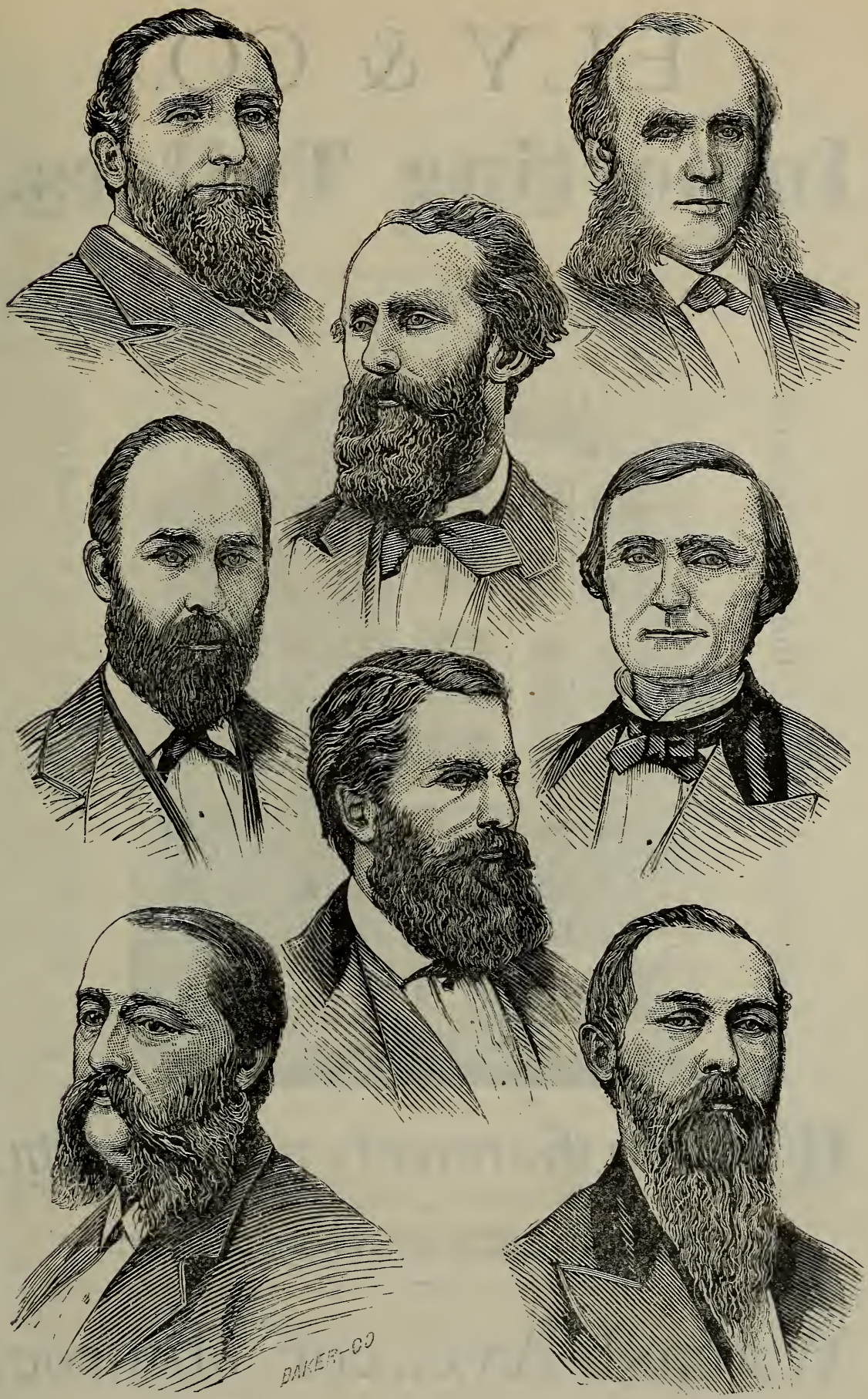
Laurie's Hotel & Restaurant,

COR. CANAL AND MADISON STS.,

Rate $2.00 per Day. **Bed and Breakfast only $1.00.**

N. B.—THE 25 CENT MEALS are equal to the meals given in the best Chicago Hotels.

SPECIAL ARRANGEMENTS MADE WITH EMPLOYEES FOR BOARDING THEIR WORKMEN.



John B. Drake.
N. S. Bouton.
Edwin Lee Brown.

Geo. S. Bowen.
R. T. Crane.

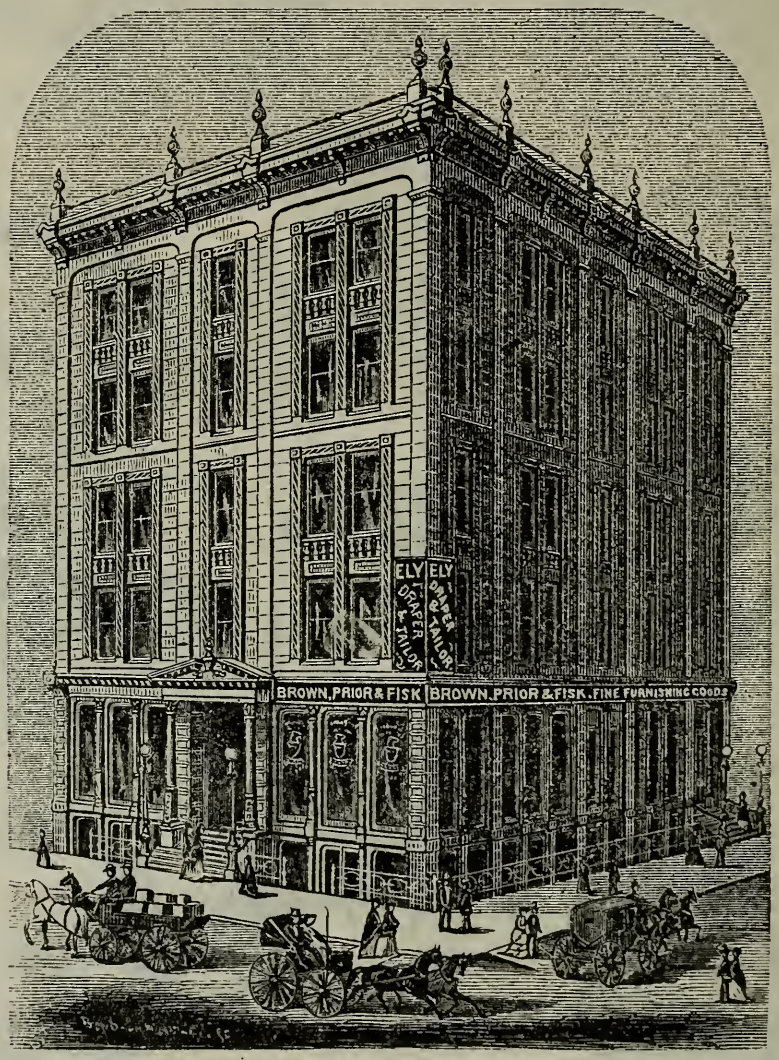
David A. Gage.
John P. Reynolds, Sec'y.
Geo W. Laflin.

ELY & CO.

Importing Tailors.

(ESTABLISHED 1854.)

Servants' Livery Made to Measure.



Clergymen Ten per cent. Discount.

Wedding Garments a Specialty.

LADIES' RIDING HABITS AND PROMENADE JACKETS.

Wabash Ave., cor. Monroe,

CHICAGO, ILL.

Chicago, June 19th, 1873.

TO WHOM IT MAY CONCERN:

James Nowlan, Esq., and the Staats-Zeitung Job Printing Co., HAVE THE EXCLUSIVE RIGHT TO PUBLISH in the German and English Languages, the ONLY OFFICIAL CATALOGUE of the Inter-State Industrial Exposition of Chicago, for 1873.

This Catalogue will contain a full and complete list of Exhibitors, together with a description of each entry, systematically arranged, so as to serve as a Guide to the Exposition, of which EVERY VISITOR SHOULD HAVE A COPY. **No other Catalogue will be published.**

For the Executive Committee.

JOHN P. REYNOLDS, *Sec'y.*

INDEX.

Advertisements follow each Department of the Catalogue as stated below, unless marked to the contrary.

DEPARTMENT A.

5. Typography and book-binding. 7. Apparatus and instruments of medical art, surgery, etc. 8. Apparatus and instruments for instruction and scientific investigation, optical instruments, etc. 9. Telegraphy—Electrical apparatus and instruments.

J. W. Butler & Co., in class B.
Culver, Page & Hoyne, opp. 1st page of Catalogue A.
Jansen, McClurg & Co., 1st page after Catalogue A.
Rock River Paper Co., 1st page after Catalogue A.
W. W. Kimball.
Lyon & Healey.
Western Electric M'f'g Co., 2 pages.
Bliss & Torrey.
Geo. H. Bliss & Co.
Julius Bauer & Co.
St. Mary's Academy.
Sam. S. White.
V. C. Secord, M. D.
H. Enderis.
Johnstone House.
Mason & Hamlin Organ Co.
Dr. B. Briard, adv't in class C.

DEPARTMENT B.

Objects used in Dwellings and for Personal Wear.—Section 1. Furniture, picture and looking-glass frames, book-cases, ornamental woodwork, etc. 2. Glass ware, China, porcelain, lamps, gas-fixtures, &c. 3. House furnishing goods and notions, including willow ware, brooms, brushes, etc. 4. Clocks, watches, chronometers, cutlery, plastic work, jewelry, and ornaments. 5. Toilet and fancy articles, perfumery, extracts, soap, etc. 6. Textile fabrics—woolen, cotton, silk, mixed and other mill and hand-made fabrics, piece goods, etc. 7. Embroideries and fancy work in silk, cotton, wool, hair, wax, feathers, leather, etc. 8. Garments for both sexes, and all ages, including coiffures, wigs, and hair-work, straw goods, hosiery, boots and shoes, hats, caps, bonnets, gloves, fans, umbrellas, parasols, canes, dolls and toys, trunks, india rubber goods, carpets, furniture tissues, leather, cordage, travelers' equipments, &c. 9. Portable articles for hunting, fishing and encampment, fire-arms, fishing tackle, traps, tents, &c. 10. Horse equipments and stable furniture, harness work, saddlery, &c.

CHICAGO WOOL HOUSE.

ENOS BROWN & CO.

Dealers in

Cotton and Woolen

MANUFACTURERS' SUPPLIES,

DYE STUFFS AND WOOL,

19 and 21 RANDOLPH STREET,

CHICAGO, ILL.

ENOS BROWN & CO. are builders of

Woolen & Cotton Factories

Supply all kinds of Machinery for

OPERATING FACTORIES, DYE STUFFS, Etc.

Our facilities are of the greatest and strongest, and parties wanting to build Factories can be supplied quicker and cheaper than in any similar establishment in the country.

Correspondence Solicited and will be promptly answered.

ENOS BROWN.
JAMES H BOWEN,
GEORGE S BOWEN, } BOWEN BROS.
CHAUNCEY T. BOWEN.

ENOS BROWN & CO.

INDEX.

Goodyear Rubber Co., opp. 1st page of Catalogue B.
A. L. Hale & Bro., opp. 1st page after Catalogue B.
Gage Bros. & Co.
C. H. Fargo & Co.
Empire Parlor Bedstead Co.
D. Webster & Co.
Doggett, Bassett & Hill.
Walsh & Hutchinson.
Hirsh & Co.
H. W. Wetherell.
Goodyear Rubber Co.
C. M. Henderson & Co.
Udell Ladder Co.
Aurora Silver Plate Manufacturing Co.
Laflin & Rand Powder Co., 2 pages.
M'Cleland & Sage.
W. F. Mayhon & Co.
T. S. Constantine.
D. B. Fisk & Co.
Ortmayer, Lewis & Co.
Wm. Devoy.
Remington & Sons, 2 pages.
L. C. Chase & Co.
M. Selz & Co.
Stephani, Monheimer & Hart.
Cahn, Wampold & Co.
Glanz & Hoffman, see inset.
C. A. Crell.
F. & E. Jaeger.
J. J. McGrath.
Stettauer & Bros.
A. Zeller.
S. L. Harrell.
H. H. Husted & Co.
G. H. Foster, Son & McFarren.
Protection Life Ins. Co., 2 pages.
Van Cott & Co.
Henry J. Goodrich.
Wilde, Bluett & Co.
J. M. Brunswick & Balke Co.
Thos. Driver, adv't in class C.
Wolcott, Smith & Co., adv't in class D.
American Clock Co., last page.
N. Matson & Co., inside back cover.
Wendall & Hyman, in class C.
Damon, Temple & Co., in class C.
Ely & Co., opp. index.
Hallock & Wheeler, in class E.
E. F. Hollister & Co., in front of book.
Schweitzer & Beer, in cat. Fine Arts.
Vergo, Ruhling & Co., in cat. Fine Arts.
Short & Brayton, in class E.
Hall & Bro., in class E.

DEPARTMENT C.

Minerals.—Their Wrought, Cast, and Manufactured Products not included in Department B.—Section 1. Collections and Specimens of Ores, and Raw metals,—Gold, silver, copper, iron, zinc, tin, &c. 2. Building and Paving Materials—Stone (natural and artificial), marbles, cement, brick, terra-cotta, tile, slate, coal, gypsum, salt, petroleum, asphaltum mixtures, roofing material, &c. 3. Wrought and Cast work from the useful metals—Printing and card presses, builders' hardware, edge-tools for carpenters, joiners, coopers, &c., safes, locks, scales, bells, copper, brass, and tin wares, stoves, furnaces, wire-work, ornamental castings, fences, gates, &c.

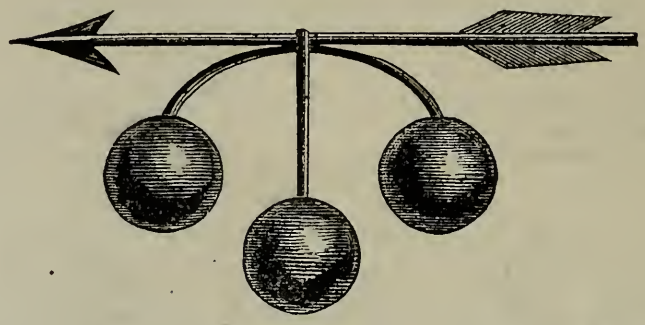
J. R. Palmenberg, 1st page before Catalogue C.
M. C. Isaacs & Co. " " " "
S. H. Ransom & Co. " after " "
Bangs Bros.
Henry Disston & Sons.
Tillotson Bros. & Co.
North Chicago Rolling Mill.
C. E. Roberts & Co.
C. Flammer.
Brayton, King & Co.
Kehoe Jas.
Driver Thos.
Bliss & Brown.
Chicago Stove Works.
A. E. Leavenworth.
J. D. Maclean & Co.
Kirk & Barker.
Fairbanks, Morse & Co.
Crane Bros. Man'f'g Co.
Frank Sturges and Co.
Givaudan and Trested, Jr.
Collins and Burgie.
Parkhurst and Wilkinson.
Jewett and Root.
M. W. and F. Lester.
Joliet Iron and Steel Co.
Burdett, Smith and Co.
Barnum Bros. & Co.
Thiem Robert & Co.
Edwin Hunt & Sons.
Chicago Composition Granite Co.
Chicago Artificial Stone Co.
E. W. Blatchford & Co.
Champlin & Rogers.
Chicago Type Foundry.
Clarke, Abbott & Co.
Rock Island Glass Co.
Ballard, Fast & Co.
James H. Rice.
Iowa Land Co., back end of Book.
H. W. Austin & Co., in Class E.
H. Cribbin, in Class E.
Fuller, Warren & Co. under cut of Ground Plan.
Hitchcock & Walker, see Class E.
Kimbark, Bros. & Co , see opp. cut of Building.
Samuel I. Pope, see Class E.
Providence Tool Co., see Class E.
Rathbone, Sard & Co., front cover.
Wade, J. J., see Class E.
Victor Scales, see Class E.
Howe Scales, see Class E.
Smith Clements & Co., see Inset.
F. Meyer & Co., see Inset.

DEPARTMENT D.

Raw Materials (not metallic) and Chemical and Natural Products used in Common Arts.—Section 1. Fibres in different stages of preparation—Wool, cotton, silk, hemp, flax, Indian mallow, ramic, &c. 2. Specimens of wood for useful and ornamental work. 3. Furs, peltries, feathers, hair, &c. 4. Artificial fertilizers, paints, oils, varnishes, artists' colors and materials, photographers' materials, &c.

Nonotuck Silk Co., 1st page before Catalogue D.
Belding Bros. & Co., " after " "
G. H. Foster & Co.
Baeder, Adamson & Co.
Holden, Tascott & Co.
W. H. Cunningham & Co.
Jas. S. Kirk & Co.
Fairbank, Peck & Co.
Wolcott, Smith & Co.
T. S. Constantine, in class B.
Chas. Emmerich, in class B.
P. M. Almini & Co., see Inset.
Place & Ehert, in class G.

LIPMAN'S
Money Loan Office,



N. W. Corner Clark and Monroe Streets.

Forfeited Pledges For Sale, at Half Store Prices,

CONSISTING OF

Fine Gold and Silver Lever Watches, Gold Chains, Pins and Ear Rings.

☞ALSO, A FINE ASSORTMENT OF GENUINE DIAMONDS.☜

All Goods Warranted.

M. E. PAGE & CO.

Manufacturers of

CONFECTIONERY

211 and 213 Lake St.

CHICAGO.

THE LARGEST ESTABLISHMENT IN THE UNITED STATES.

INDEX.

DEPARTMENT E.

Instruments and Machinery of the Useful Arts.—Section 1. For mining and metallurgy, boring, drilling, quarrying, crushing, &c. 2. Machinery and implements used in agriculture, horticulture, floriculture, and dairying. 3. Vehicles, railway and car fixtures, motors adapted to steam, water, or other power, apparatus used in navigation, models of life-boats, life-preserving apparatus, &c. 4. Machinery in motion requiring steam power. 5. Sewing, knitting, spinning, weaving, and other machines, in motion, not requiring steam power.

Home Sewing Machine, 1st page before Catalogue E.
Peter Schuttler, 1st page after Catalogue E.
Collins Eaton.
Babcock Fire Extinguisher.
Aultman & Co.
Howe Sewing Machine.
W. A. Wood, 2 pages.
J. D. Easter & Co.
Brayley & Patterson.
H. W. Austin & Co.
Johnston Harvester Co.
Providence Tool Co.
Frank Sturges & Co.
Victor Scales.
Howe Scales.
J. G. Merriman.
Furst & Bradley.
Davis Sewing Machine.
Union Foundry.
Crerar, Adams & Co.
Branch, Crookes & Co.
W. H. Banks & Co.
Chas. A. Gump & Co.
Comstock & Cory.
Chicago Scraper and Ditcher Co.
James, Roche & Spencer.
Merrill & Houston.
Henry E. Willets,
A. Plamondon.
Sam'l I. Pope.
W. W. Bates & Co.
Mackey, Walker & Co.
J. G. Parsons.
A. V. Pitts & Co.
Calkins Washer Co.
Globe Engraving Co.
Rochester Foundry Co.
J. J. Wade.
Coan & Ten Broeke, see last page.
John H Kline, see class B.
Pennoyer, Shaw & Co., see class B.
Heath & Hobkirk, see Inset.
Marder, Luse & Co., see class C.
Walworth, Brooks & Co., see class C.
Farrer & Wheeler, see front page.
H. C. Goodrich, see opp. Portraits.
Remington Sewing Machine, see class B.
Seymour, Morgan & Allen.
Singer Sewing Machine Co.

DEPARTMENT F.

Products of the Farm, Orchard, Nursery, Garden, and Greenhouse.—Section 1. Fruits and Vegetables. 2. Flowers, plants, ferneries, and aquaria. 3. Grains, seeds, vegetables, and dairy products. 4. Ornamental pottery, rustic-work, and birds in cages.

D. S. Heffron, 1st page opp. Catalogue F.
Hovey & Co., 1st page after Catalogue F.
Iowa Railroad Land Co., back of book.

DEPARTMENT G.

Food, Drinks, and Tobacco.—Section 1. All Articles of Food of Easy Preservation—Canned, dried, or preserved meat, fish, fruit, and vegetables, sauces, condiments, pickles, relishes, condensed milk, &c. 2. Confectionery, sweetmeats, and sugars. 3. Mineral waters, fermented and spiritous liquors. 4. Tobacco and its manufactured products.

Waterloo Yeast Co., 1st page before Catalogue G.
National Yeast Co.
Chicago & Peoria Yeast Co., 1st page after Cat. G.
M. E. Page & Co., opp. Index.
Steele & Price, 1st page after Catalogue G.
De Wilde & Co., 1st page after Catalogue G.
John A. Huck & Co., 1st page before Catalogue G.

DEPARTMENT H.

Natural History.—Collections and specimens, models and drawings illustrative of the natural sciences.

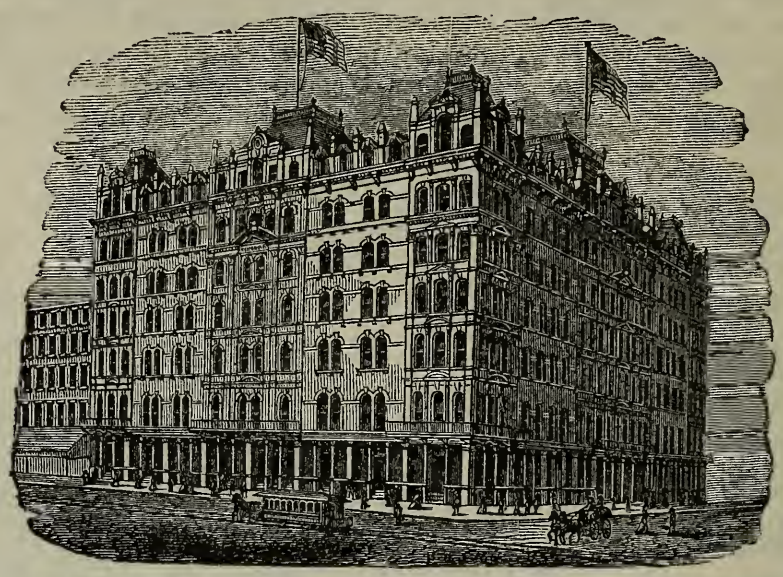
MISCELLANEOUS ADVERTISEMENTS.

Sherman House, opp. Preface.
Laurie's Hotel, opp. Portraits.
Anderson's Hotel, in front.
Fuller & Fuller, "
American Express Co., opp. cut of Ground Plan.
Illinois Central Railroad, in back.
Northwestern Railroad.
Chicago & Alton Railroad.
Milwaukee & St. Paul Railroad.
National Life Insurance Co., on Inset.
Abe Lipman, opp. Index.
Baker & Co., see Appendix.
Wing J. M. & Co., see Insert.

OPENING

OF THE

SHERMAN HOUSE.



N. C. MUNSON, PROPRIETOR.

The world-wide celebrated Sherman House, again rebuilt on the old site, was opened on April 10th, 1873.

The Sherman House, for many years having enjoyed the confidence and patronage of a very large portion of the American traveling public, and nearly all of the Foreign travel, again throws open its doors to the world under the most favorable auspices.

The House is built in the most thorough manner possible, and with all modern improvements;

Contains 300 of the finest Rooms in any Hotel on the Continent,

and more expensively furnished. Every room has a fire alarm connecting with the main office. The entire house is fire proof, all partitions being brick, and all floors built in Paris style, with cement between all joists. The Rotunda occupies nearly the entire first floor. Two Grand Entrances, one on Clark and one on Randolph Street; Ladies' Entrance on Randolph Street. Tuft's largest size Passenger Elevator running from first floor. In fact, the house is fitted with all modern improvements that can add to the comfort of guests.

We invite the traveling world to call on us.

GEO. W. PEARSON, Sup't. C. S. MUNSON, Manager.

PREFACE.

Chicago, September 25, 1873.

With great pleasure we herewith present the Official Catalogue of the Exposition, and trust that it will be found a worthy exponent of the great event it illustrates. The instructions given us have been followed to the letter, and no effort has been spared to make the Catalogue what it should be. With many thanks to the officers of the Exposition, to our advertising patrons, and to many others who have rendered valuable assistance in the carrying out of our project, we leave our work to speak for itself.

JAMES NOWLAN, *Publisher.*

FRANZ GINDELE,

Supt. Staats Zeitung Job Printing Co.

FULLER & FULLER,

WHOLESALE DRUGGISTS

22, 24 & 26 MARKET ST.,

CHICAGO.

IMPORTERS AND DEALERS IN

Fine Drugs and Chemicals

SELECT POWDERED DRUGS,

PURE ESSENTIAL OILS,

PAINTS, OILS AND COLORS,

PAINT BRUSHES, DYEING BRUSHES, DYE WOODS & ANILINE COLORS,

WINDOW GLASS.

TANNERS' STOCK: Japonica, Bank Oil, Etc.

SOAP MAKERS' STOCK: Caustic Soda, Palm Oil, Etc.

PAPER MAKERS' STOCK: Bleaching Powder, Soda Ash, Etc.

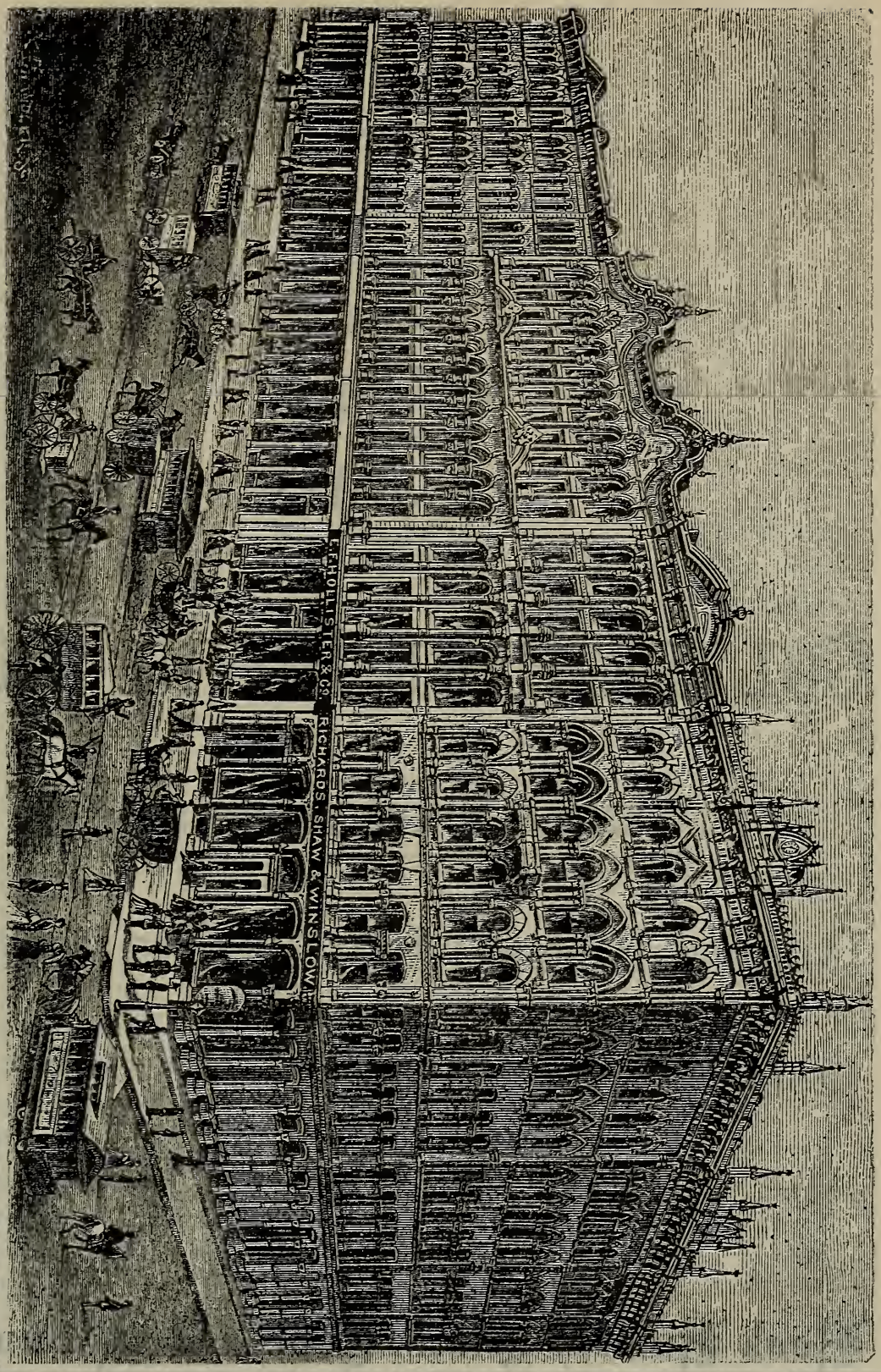
GLASS MAKERS' STOCK: Soda Ash, Arsenic, Manganese, Etc.

E. F. HOLLISTER & CO.

WHOLESALE AND RETAIL

CARPET & FURNITURE HOUSE,

117, 119, 121 and 123 STATE ST., CHICAGO.



CARPETS, OIL CLOTHS, MATTINGS,

Curtain Materials and Trimmings, Window Shades,

FURNITURE,

Mattresses, Feathers, Upholstering and Bedding, House Furnishing Goods, Etc., Etc.

ORDERS SOLICITED AND CAREFULLY ATTENDED TO.

Established 1855, at 128 ana 130 Lake Street.

Burnt out October 9, 1871, at 118 and 120 Monroe Street.

Re-Established October 10, 1871, at 11, 13, and 15 North Desplaines Street.

Rebuilt and Removed to 118 and 120 Monroe Street, July 1, 1872.

CULVER, PAGE, HOYNE & CO.

BLANK BOOK MAKERS, PRINTERS,

PUBLISHERS OF COMMERCIAL AND LAW BLANKS,

Paper Dealers,

MANUFACTURERS AND DEALERS IN

Book Binders' Stock, Tools and Machinery,

118 and 120 Monroe Street,

Opposite Old Post Office Building. CHICAGO.

CATALOGUE.

Department A. Fine and Liberal Arts.

FINE ARTS.—Section 1. Paintings in Oil and Water Colors. 1½. Sculpture. 2. Architecture and Design. 2½. Engravings and Chromos. 3. Photography. 3½. Wood Carving, Bronzes and Terra Cotta. 4. Stained Glass.

The list comprising the above Sections in Department A will be found in Appendix at the end of the Catalogue.

Section 5.

208 BRADNER, SMITH & CO., 110 and 112 Madison street, Chicago, Paper.

113 BUGBEE, LUFF & CO., Otis, Laporte, Ind., Straw Paper Board.

204 J. W. BUTLER & CO., 184 and 186 Monroe st., Chicago, coarse and fine Papers of all description, Card and Straw Board. (*See adv't.*)

209 CLEVELAND PAPER CO., 109 Madison st., Chicago, Paper pulp in process of manufacture, &c.

202 COX, HENDERSON & CO., Lakeside Building, cor. Clark and Adams st., Chicago, Specimens of Book Binding in great variety.

212 CULVER, PAGE, HOYNE & CO., 118 and 120 Monroe st., Chicago, National Paging Machine, Martin's Tax Calculator, Copyists' Assistant, Pettibone's Port-folio for Blanks, Walton's Abstract Books, Blank Books and Stationery. (*See adv't. opp. page.*)

200 JANSEN, McCLURG & CO., 117 and 119 State st., Chicago, Fine imported Books, Standard Literature, Medical and Scientific Books, School Books and Stationery, &c. (*See adv't.*)

211 W. B. KEEN, COOKE & CO., 113 and 115 State street, Chicago, Books and Stationery.

210 KNIGHT & LEONARD, 105—109 Madison st., Chicago, Specimens of Printing.

214 OLIVER ADAMS & CO., 105—109 Madison st., Chicago, School Records, Teachers' daily Registers, Class Books, and assortment of School Blanks.

203 ROCK RIVER PAPER CO., H. F. Evans, Treas., 140 Lake st., Chicago, Prepared Plastering Paper, a substitute for Laths Plaster and Wall Paper, complete in one sheet. Saturated Sheathing for use under Siding, Shingles, Slate and Floors, Deafening Paper, Paper Carpeting, Carpet Lining, Roofing Paper of all grades, Tacks, Brads, and Mouldings, Quartz Cement Roofing, best in use, Wrapping and Print Paper, Paper, Paper Bags, Twine, &c., Paper house showing samples of Paper and manner of using it, Japanese Paper ware including Pails, Tubs, Spittoons, Wash-basins, Milk-pans, Fruit-dishes, Bath-tubs, Mats, Trays, Flower-pots, &c. (*See adv't.*)

205 SANFORD MF'G CO., 223 Fulton street, Chicago, Writing Fluids, Inks, Mucilage, Sealing Wax, &c.

207 G. S. TRUESDELL & CO., No. 170 East Washington st., Chicago, Business Maps of Chicago, of different sizes.

201 J. S. THOMPSON & CO., 158 and 160 South Clark st., Chicago, Printing.

Department A, Section 6.

222 JULIUS BAUER & CO., Cor. State and Monroe streets, Palmer House, Chicago. Julius Bauer & Co., and Wm. Knabe & Co., Pianos. Bauer & Co. Organs, Needham Organs, and Musical Instruments of all kinds. (*See adv't.*)

216 THEO. J. ELMORE & CO., 78 State st., Chicago, Decker Bros. Concert, Grand, Square and Upright Pianos, and small imported Musical Instruments.

220 J. HOWARD FOOTE, 154 S. Clark street, Chicago, Instruments, and General Musical Merchandize.

223 W. W. KIMBALL, Cor. State and Adams st., Chicago, Hallet, Davis & Co. Pianos, Union Pianos, and Smith's American Organs, Melodeons, &c. (*See adv't.*)

218 F. C. LIGHTE & CO., No. 174 and 176 State st., opposite Palmer House, F. C. Lighte & Co. Pianos, W. F. Johnson's Pianos and the New England Organs.

224 LYON & HEALY, 162 State st., Chicago, Pianos, Organs, small Instruments, Musical Merchandize. (*See adv't.*)

217 MASON & HAMLIN ORGAN CO., Boston, New York and Chicago, Cabinet Organs stamped by first medal at Vienna Exhibition as the best in the world, 80 and 82 Adams st., Chicago. (*See adv't.*)

221 A. REED & SONS, Temple of Music, cor. Dearborn and Van Buren streets, Chicago, Chickering Pianos and Organs.

226 ST. LOUIS PIANO MANUFACTURING CO., Fifth and Locust sts., St. Louis, Mo., Pianos.

215 SCHAFF BROS., 255 Clybourn Avenue, Chicago, Square Pianos.

Department A, Section 7.

234 BLISS & TORREY, 171 and 173 Randolph st., Chicago, Surgical Instruments, Crutches, Galvanic Apparatus, Artificial Limbs, Deformity Apparatus, Druggists Fancy Goods, Perfumery, Soda Apparatus, &c. (*See adv't.*)

236 Dr. L. H. BRADLEY, 1333 Broadway, New York, Museum of Equine Anatomy.

225 Dr. B. BRIARD, 188 S. Halsted street, Chicago, Apparatus and Instruments of Medical Art, Fancy Perfumery and Toilet Ware, and Aquarium, also, a collection of Coins and Curiosities. (*See adv't.*)

233 J. E. GARDNER, 787 Wabash Avenue, Chicago, Artificial Limbs and Apparatus.

230 JOHNSON & LUND, 68 Adams st., Chicago, Artificial Teeth, &c.

228 OTTO KALTEICH, 122 Dearborn street, Chicago, Trusses, Supporters, Braces, Bandages and Orthopedic Instruments.

231 DR. G. W. LAWRENCE, 200 W. Madison street, Chicago, a Case of Dentistry.

229 MARSH & BOWLES, 103 Washington street, Chicago, Trusses, Braces, Apparatus for Deformities, &c.

232 MARSHALL & WINEBRENER, 726 W. Madison street, Chicago, Case of Artificial Teeth, mounted.

237 SAM'L S. WHITE, Nos. 14 and 16 Madison st., Chicago, exhibits a full assortment of Porcelain Teeth, Dental Instruments and Dental Furniture. Barber's Chair. (*See adv't.*)

Department A, Section 8.

245 A. H. ANDREWS & CO., 166—170 State street, Chicago, Maps, Charts and School Apparatus.

242 W. H. BULLOCH, 1 South Clark street, Chicago, Microscopes and Apparatus.

244 J. G. LANGGUTH, 82 State street, Chicago, Telescopes, Microscopes, Spectacles, Mathematical Instruments, Magic and Philosophical Instruments.

246 NATIONAL SCHOOL FURNITURE CO., 113 and 115 State st., Chicago, School Desks, Maps, Charts, Globes, &c.

241 NICKEL & STRASSBERGER, 47 LaSalle st., Chicago, Surveying Instruments.

243 Dr. JOHN PHILLIPS, 120 Fourth avenue, Chicago, Spectacles, Eye Glasses, Telescopes, Microscopes Barometers, Thermometers, Opera Glasses, &c.

240 E. PAYSON PORTER, 159 LaSalle st., Chicago, Sholes & Glidden's Type Writer and Telegraphic Apparatus.

Department A, Section 9.

251 GEO. H. BLISS & CO., No. 41 Third Avenue, Chicago, Samples of Telegraph Instruments, Supplies and Goods, Electric Gas Lighting Apparatus, Electro Medical Apparatus, Hotel Annunciator, Electric Rail Road Signals. (*See adv't.*)

250 KUSEL & HAUSMAN, 173 Randolph street, Chicago, Electrical Apparatus for Scientific and Medical purposes.

252 EDWIN SPEAR, Major Block, Chicago, Electric Hotel Annunciator, Burglar Alarm Telegraph.

254 THE ATLANTIC & PACIFIC TELEGRAPH CO., 5 Telegraphic Instruments.

253 WESTERN ELECTRIC MANUFACTURING CO., 220 Kinzie street, Chicago, Electric and Telegraphic Instruments of different style and finish as follows: Registers, Relays, Box Relays, Pocket Relays, Sounders, Keys, Cut-outs, Switch Boards, Repeaters, Bell Magnets, Hotel Annunciators, Fire Alarm, Printing Telegraph Instruments, Electro-magnetic Watch Clock, Time dials, (showing standard time,) Galvanic Batteries of different styles, Office wire of different varieties. E. Howard & Co., Magnetic Electric Dial Telegraph Instruments. (*See adv't.*)

N. B.—Names of exhibitors in this department not entered above, will be found in the appendix.

CLASS A.

"Conceded to be the Finest Bookstore in the United States."—The Advance.

JANSEN, McCLURG & CO.

117 & 119 STATE STREET,

BOOKS AND STATIONERY,

AT WHOLESALE AND RETAIL.

All are Invited to Visit our Beautiful Store,

And there see the most Splendid Collection of the "GOOD BOOKS OF TO-DAY, AND THE GOOD ONES OF ALL TIME," in all varieties of Editions and Bindings, from

Modest and Cheap Volumes to Sumptuous Art Works

AND FINE LIBRARY EDITIONS.

H. F. EVANS, Chicago, Treas. S. T. MERRILL, Beloit, Pres't. J. M. COBB, Beloit, Vice-Pres't.

ROCK RIVER PAPER CO.

MANUFACTURERS OF

PATENT BUILDING PAPER!

—o(ALSO, DEALERS IN)o—

PRINT, WRAPPING AND BOOK

PAPER,

No. 140 Lake Street, CHICAGO.

Mills at Beloit, Wis., and Marshall, Mich.

W. W. KIMBALL,

WHOLESALE DEALER IN

Pianos and Organs

205, 207 & 209 STATE ST., CORNER ADAMS,

CHICAGO, ILL.

HALLETT, DAVIS & CO'S PIANOS.

Seventy-Five first premiums awarded for Best Pianos.

20,000 have been Manufactured and are now in Use.

Franz Liszt, first of living Pianists, says it is the most admirable instrument ever made.

☞These Pianos, both Grand and Square, can be seen in Chicago, in large numbers, with a variety of other manufactures, at the Piano and Organ Warerooms.

A large assortment of Pianos and Organs to Rent.

Parties wishing to pay by installments can be accommodated.

Smith's American Organs

New Styles! New Catalogue! New Prices!

300 Organs now in Store. — All Orders from Dealers filled with Dispatch.

W. W. KIMBALL,

Corner State and Adams Street.

STEINWAY & SONS'

Grand, Square and Upright

PIANOS

WERE AWARDED THE

FIRST OF THE GRAND GOLD MEDALS OF HONOR

World's Fair, Paris, 1867. World's Fair, London, 1862.

THE STEINWAY PIANOS ARE UNIVERSALLY CONCEDED TO BE

The Leading First-Class Pianos

Now before the public, being preferred before all others by the world's most celebrated Pianists, and used by all the principal concert troupes, whenever attainable. They have a truly "World-wide" reputation, being largely exported to Europe and all parts of the civilized world, and they are sought to be imitated by nearly all American and European Piano makers.

Steinway & Sons' Mammoth Manufactory is the most perfectly arranged and extensive establishment of its kind in the world. The published official revenue returns have revealed the fact that *their yearly sales exceed those of the Twelve largest Piano makers in New York combined.*

Steinway & Sons now manufacture, in addition to their established styles, a Parlor Grand, with their new **"Patent Grand Duplex Scale,"** (hereafter applied to all their Grand Pianos), and with the **Patent Iron Cupola and Pier Frame,** this new Parlor Grand, though no longer than one of their 7-Octave Square Pianos, is, in quality of tone, quite equal to their full Concert Grand Pianos, and possesses very nearly the same power and volume.

Steinway & Sons also manufacture a **"New Upright Piano,"** with the Patent Iron Cupola and Pier Frame, with plain but neat exterior, but 3 feet 10 inches high, yet possessing a tone *fully equal to a Steinway Square Grand Piano* and one of the most exquisite musical character. Both the new Parlor Grand and Upright Pianos are placed at very moderate prices, and must be seen and heard to be appreciated.

Every Piano Warranted for Five Years. Prices as low as the exclusive use of the best materials and most thorough workmanship will permit. Old Pianos taken in exchange. ☞Illustrated Catalogues, with Price Lists mailed free on application.

SMITH & NIXON,

GENERAL AGENTS FOR THE NORTHWEST. **162 State Street, Chicago.**

BURDETT ORGANS.

Church Committees, Organists, Musicians generally, and especially those designing to purchase Organs for either churches, schools or private use, should not fail to examine that wonderful triumph of mechanical and musical genius, the

Burdett Combination Organ,

Universally conceded to be the LEADING REED INSTRUMENT of the Age.

Burdett's Perfectione, Improved Vox Humana, Celeste, Orchestral Swell, Echo Horn, Campanella, Chiaro Oscuro and other Valuable Improvements are used exclusively in these Organs.

These Instruments have taken the First Premiums over all competitors at over One Hundred Fairs, in all sections of the country, achieving in a short period, a popularity without precedent in the annals of the trade. Send for Descriptive Catalogue, or, what is better, go and hear the COMBINATION ORGAN speak for itself.

LYON & HEALY,

General Agents for the Northwest. **STATE & MONROE STS., CHICAGO.**

ANSON STAGER, Pres't. ELISHA GRAY, Supt. ENOS M. BARTON, Sec'y.

WESTERN ELECTRIC
Manufacturing Company,

220 KINZIE STREET,

MANUFACTURERS OF ALL DESCRIPTIONS OF

ELECTRICAL INSTRUMENTS,

SUCH AS

ANNUNCIATORS,

For Hotels, Steamships and Dwellings,

ELECTRO-MERCURIAL FIRE ALARM,

For Hotels, Steamships and all kinds of Buildings,

Electric Time Dials, Watch Clocks,

Printing Telegraph Instruments, Galvanometers, Signal Apparatus, and all kinds of Morse Telegraph Instruments and Supplies.

AGENTS FOR

SHOLES & GLIDDEN'S TYPE WRITER.

SEE OPPOSITE PAGE.

CLASS A.

SHOLES & GLIDDEN'S TYPE-WRITER.

Western Electric Manufacturing Co.,

AGENTS.

☞See Opposite Page.

BLISS & TORREY,

importers and Jobbers of

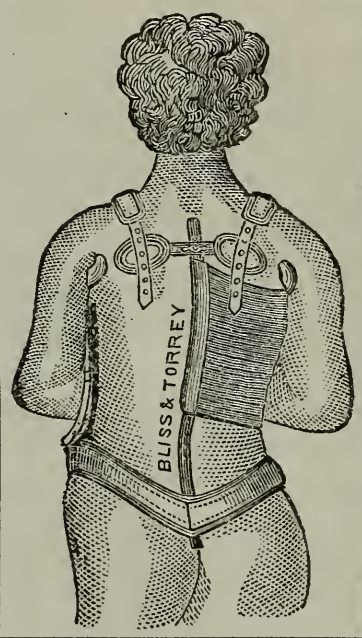
Druggists' Sundries, Fancy Goods

—AND—

SURGICAL INSTRUMENTS,

171 and 173 Randolph Street, **CHICAGO.**

Store Furniture,
Show Jars,
Show Bottles,
Druggists' Scales,
Chamois Skins,
Traveling Flasks,
Pocket Books,
Bathing Sponges,
Pocket Cutlery,
Toilet Bottles,



Chemical Ware,
Soda Fountains,
Fancy Goods,
Trusses, Crutches,
Elastic Stockings,
Shoulder Braces,
Knee Caps, Anklets,
Galvanic Batteries,
Skeletons,
Manikins.

AGENTS FOR

Tiemann's Celebrated Instruments.

THE ONLY COMPLETE STOCK IN THE WEST.

DEFORMITY APPARATUS,

Of Every Description, Made to Order.

GEO. H. BLISS, *President.* E. B. CHANDLER, *Vice Pres't.* FRANK A. POWERS, *Sec'y and Treas.* E. A. HILL, *Electrician.*

GEO. H. BLISS & CO.,

(Successors to BLISS, TILLOTSON & Co.,)

41 THIRD AVENUE, CHICAGO, ILLINOIS.

MANUFACTURERS AND DEALERS IN EVERY DESCRIPTION OF

TELEGRAPHIC AND ELECTRICAL APPARATUS!

Agents for AMERICAN COMPOUND WIRE.
" JONES' LOCK SWITCH BOARDS.
" ROBERTSON'S BATTERY INSULATORS
" HILL'S BATTERY.
" McPHERSON'S IRON BATTERY.
" THE AMATEUR TELEGRAPH APPARATUS.
" UNITED STATES GAS LIGHTING APPARATUS.
" BISHOP'S GUTTA PERCHA CABLES.
" SELDEN PRINTING INSTRUMENTS.

CONSTANTLY ON HAND,

RELAYS, REGISTERS, KEYS, POCKET INSTRUMENTS, SOUNDERS, CUT-OUTS, LIGHTNING ARRESTERS, PAPER REELS, CARBON BATTERY, DANIELL BATTERY, GROVE BATTERY, LECLANCHE BATTERY, SMEE BATTERY.

PRIVATE LINES BUILT AND EQUIPPED.

LINE WIRE, Plain and Galvanized, BROOK'S INSULATORS, KENOSHA CARBON INSULATORS, SCREW GLASS INSULATORS.

Screw-Pins and Brackets, Cross Arms, Poles,

BATTERY INSTRUMENTS AND CHEMICALS,

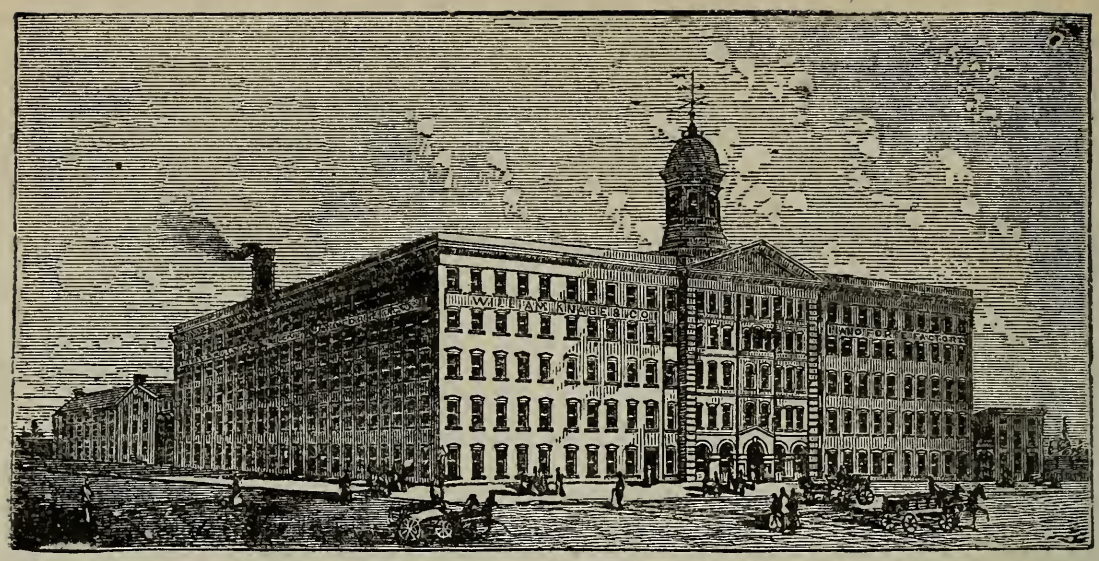
Office and Magnet Wire, Gutta Percha Wire,

REPAIRERS' TOOLS.

GEO. H. BLISS & CO.

SOLE AGENTS FOR

HILL'S HOTEL ANNUNCIATOR & FIRE ALARM.



Julius Bauer & Co.,

PALMER HOUSE,

Corner State and Monroe Sts. CHICAGO, ILL.

MANUFACTURERS OF

The Favorite Bauer Pianos & Improved Bauer Organs.

IMPORTERS AND MANUFACTURERS OF

MUSICAL INSTRUMENTS, STRINGS, ETC.

AND ALL DESCRIPTIONS OF

MUSICAL MERCHANDISE.

SOLE AGENTS FOR THE

KNABE PIANOS

—((AND))—

E. P. NEEDHAM & SON'S

PARLOR AND CHURCH ORGANS.

SAINT MARY'S

ACADEMY

NOTRE DAME, INDIANA.

THE

Nineteenth Annual Session

WILL OPEN ON THE FIRST TUESDAY IN SEPTEMBER.

The Academical and Classical Departments have been greatly enlarged by spacious buildings. A large hall, 60 x 30 feet, has been appropriated to Choice Models, in Busts, Chromos and Oil Paintings, for pupils who wish to enter the **School of Design,** *and devote their time to Drawing and Painting.*

Saint Mary's Conservatory of Music

HAS ALSO BEEN ENLARGED.

All branches of Music are taught on the plan of the best Classical Conservatories of Europe, under the direction of eight Teachers of Instrumental, and two teachers of Vocal Music.

Pupils can pursue special courses of studies, comprising Theory, Practice and Aesthetics, Vocal Culture, Chorus Singing, Piano, Harp, Organ, Thorough Bass, and the Principles of Teaching.

For further information send for Catalogue, and address

MOTHER SUPERIOR,

St. Mary's, Notre Dame, Ind.

SAMUEL S. WHITE,

Dental Depots,

PHILADELPHIA. NEW YORK.
BOSTON. CHICAGO.

Western Branch House, 14 and 16 East Madison St., CHICAGO.

S. R. BINGHAM, - - - MANAGER.

Western Agency for

ARCHER'S ROCHESTER BARBER CHAIRS.

ELECTRICAL MEDICAL INSTITUTE,

FOR THE

Treatment of Acute and Chronic Diseases.

Electro Thermal and Chemical Baths,

No. 126 STATE STREET, Rooms 1, 2, and 15,

N. W. cor. State & Madison Sts.

OFFICE HOURS, 9 a. m. to 6 p. m.

J. T. IRWIN.
MRS. IRWIN.

V. C. SECORD, M. D.

H. ENDERIS,

IMPORTER OF

German & Foreign Miscellaneous Books,

FOREIGN and DOMESTIC STATIONERY,

Drawing Materials, Mathematical Instruments, Fancy Goods, Etc., Etc.

14 & 16 W. Randolph St. and 128 Lake St., cor. Clark,

CHICAGO.

JOHNSTONE HOUSE,

(LATE OCEAN HOUSE,)

Terms, $2.00 Per Day.

Cor. West Madison and Desplaines Streets,

CHICAGO.

ONLY THREE BLOCKS FROM PENN. CEN. UNION DEPOT.

J. S. JOHNSTONE, Clerk. *MRS. T. C. JOHNSTONE, PROPRIETRESS.*

CLASS A.

MASON & HAMLIN ORGAN COMPANY,

BOSTON NEW YORK, CHICAGO.

FIRST PRIZE.
Paris, 1867.

FIRST PRIZE.
Vienna, 1873.

Christina Nilsson, Clara Louise Kellogg, Adelaide Phillips, Peschka-Leutner, Annie Cary, Wachtel, Capoul, Santley, Sir Julius Benedict, Brinley Richards, Richard Redhead, Dr. Wm. Sparks, Westbrook, Rimbault, Hopkins, Hammond, Warren, Morgan, Thayer, Lang, Zundel, Timm, Berg, Carter, Anna Mehlig, Mills, Poznanski, Thalberg, Gottschalk, Sanderson, Eichberg, Johann Strauss, Theo. Thomas, Satter, Ole Bull, Max Maretzek, Carl Zerrahn, Geo. F. Root,

—AND—

ONE THOUSAND OTHERS

INCLUDING MOST PROMINENT

ORGANISTS, PIANISTS, VOCALISTS, COMPOSERS and CONDUCTORS,

Have by written recommendations recognized the superiority of the

Mason & Hamlin Cabinet Organs,

Nearly all of them unequivocally declaring these instruments to be

UNRIVALED.

See TESTIMONY CIRCULAR for these opinions in full. Also ILLUSTRATED CATALOGUE for full descriptions and prices.

Since the great improvements effected within a few years, Cabinet or Parlor Organs have become the most popular of large musical instruments. It is estimated that 40,000 are sold in the United States yearly.

Price $55 to $1,000 each. Compact, elegant, not liable to get out of order; do not require tuning; can be sent anywhere by freight routes, all ready for use.

ORGANS FOR RENT, with privilege of purchase, for quarterly or monthly payments. First payment, $12 and upwards.

MASON & HAMLIN ORGAN CO.

80 and 82 Adams Street, CHICAGO, ILL.

GOODYEAR RUBBER CO.,

Formerly Rubber Clothing Co.,

GEO. CLAPP, Agent,

Nos. 105 & 107 Madison Street, - CHICAGO.

361 & 363 Broadway, N. Y. 400 N. 4th Street, St. Louis.

607 Market Street, San Francisco.

F. M. SHEPARD, President. J. A. MINOTT, Secretary.

Exhibit in Department B, Sec. 6, the following List of Articles.

Rubber Belting,
Packing and Hose,
Linen Hose, Rubber lined, for Hotel and Factory use,
Hose Pipes and Couplings,
Leather Belting,
Belt Hooks,
Rivet and Burrs,
Pails and Fire Buckets,
Solid Rubber Valve Balls, all sizes,
Rubber Tubing, all sizes,
W. B. S. Taylor's Pat. Gas-light Tubing,
Mohair Portable Tubing,
Flocked Tubing on Rubber, for Plumbers, Gas Fitters, and Gas Stoves, all sizes,
Elastic Bands and Rings, all sizes,
Stationers' Gum,
Erasing Pencil Heads,
Faber's Erasers,
Rulers, 10 to 24 inch,
Inkstands, Pencils, Penholders, &c.,
Patent Screw Pencil and Slide,
Pen Cases, Gold Mounted,
Rubber Pen and Pencil Cases,
Balls,
Solid Sponge Balls,
Fancy Musical Ribbed Balls,
Foot Balls, of all sizes,
Teething Rings,
Rattles,
Doll Heads,
Dolls and Toys, in every variety and size,
Elastic Bulb and Hard Rubber Syringes, in every variety and size,
Hard Rubber Caustic Holders,
Suppositors,
Funnels,
Scoops,
Cork Screws,
Telescopic Tumblers, plain and red lined,
Soap Trays,
Sponge Cups,
Breast Pumps, every variety,
Nipple Shields,
Nursing Bottles,
Teething Rings,
Pessaries, Urinal Bags,
Life Preservers,
Nursery Sheeting, white and black,
Air Pillows,
Bath Tubs,
Ice and Water Bags,
Bougies and Catheters,
Gloves,
Oval and Square Gas Bags,
Elastic Tubing,
Rubber Corks,
Maws Feeders,
A full assortment of Lustre Clothing,
Black dull finish, White and Flock Clothing, Wool surface,
Camp Blankets, on Cotton Flannel,
Vulcanized Enameled Rubber Carriage Drill,
Ditto, Carriage Duck,
Ditto, Carriage or Buggy Aprons,
Vulcanized Rubber Horse Covers,
Anti-Shaft Rattlers,
Wagon Springs,
Trotting Rollers,
Curry Combs,
Flexible and Hard Rubber Whip Sockets,
Hard Rubber Martingale Rings,
Oilers, Horn Boots, Pitcher Mats,
Pitcher Mats, with Paper Mache Trays,
Boss Blocks, Rubber Floor Matting and Door Mats,
Door Springs and Spittoons,
A full assortment of Rubber Boots, Arctic Garters, Alaska Overshoes, Men's, Women's, Misses', Boys' and Childs' Overshoes,
Piano and Melodeon Covers, Rub. Surface,
Ditto, Flocked Surface, of all sizes,
Melodeon Bellows Cloth,
Crochet Hooks and Tatting Shuttles, all sizes,
Pipes, Pipe Stems, Tobacco Pouches,
Match Boxes, Cork Screws, Napkin Rings,
Finger Rings, Thimbles, Tumblers, Trays,
Canes Florence Hair Brushes, and
Mirrors & Gloves in every variety and size.

See Advertisement after Catalogue, Department B.

DEPARTMENT B.

Objects used in Dwellings and for Personal Wear.

Section 1.

FURNITURE, PICTURE AND LOOKING-GLASS FRAMES, BOOK-CASES, ORNAMENTAL WOODWORK, ETC.

34 AMES & FROST, 255 S. Halsted street, Chicago, Spring Beds.

17 A. H. ANDREWS & CO., 166, 168 and 170 State street, Chicago, exhibit Andrews' Patent Gothic "Triumph" School Desks, 6 sizes, folding slat seat and back, Superintendents', Principals' and Teachers' Desks in great variety, Fine Office Desks, Elaborate Office and Library Chairs, Directors' and Library Tables, Letter Press Stands, &c., Dill's Excelsior Marquetry Flooring and Chess Tables of inlaid choice woods, Camp's New Outline School Maps, Holbrook's New Globes and Apparatus, Zoological Charts, Blackboards, Prindle's Cabinet Billiard Tables, &c., &c.

51 CHICAGO IRON BEDSTEAD CO., 435 Sedgwick st., Chicago, Wrought Iron Bedsteads, of various patterns.

11 DANIEL BARCLAY, 141 State street, Chicago, Show Cases.

22 JOHN W BENT, 207 and 209 Monroe street, Chicago, Refrigerators, Ice Boxes, Extension Tables, &c.

37 L. C. BOYINGTON, Office and Factory, 753 State st., Chicago, Anderson's, Monroe's, Peerless (Anderson's Pat.) Baxter, Dougherty's, Robbins 2 Rows, Robbins 3 Rows Patent Spring Beds, Dougherty's, Robbins 2 Rows and Robbins 3 Rows Pat. Folding Spring Cot, Canvas, Army Cot and Camp Stool.

7 EMANUEL BRUNSWICK & CO., 47 and 49 State street, Chicago, Billiard Tables.

8 THE J. M. BRUNSWICK & BALKE CO., 62 Lake street, Chicago, Billiard Tables. (*See adv't.*)

42 C. S. BURROWS, 159 S. Clark street, Chicago, Ornamental endless Wooden Chain.

39 CHICAGO CURTAIN FIXTURE CO., 145 S. Clinton street, Chicago, Shade, Curtain Fixtures, &c.

19 Z. COBB & SONS, 292 W. Adams street, Chicago, Spring Beds, Car Seats, Cushions, Vault Lights, &c.

14 COLBY & WIRTS, 292 and 294 State street, Chicago, Furniture.

26 JAMES CROGHAN, 720 W. Madison street, Chicago, Croghan's Combined Chair, Sofa, Bed and Table.

46 GEORGE W. CROSSCUP, 702 Chesnut street, Philadelphia, Pa., Combined Chair and Lounge.

35 JAMES DAVIS WILDER, 273 W. Randolph street, Chicago, Liquid Slating, Indestructible Black-board, Tablets, &c.

5 DIXON & CO., 134 W. Lake street, Chicago, Assortment of Show Cases, German Silver and Woods.

33 THOMAS DRIVER, 90 W. Harrison street, Chicago, Sashes, Doors, Blinds, &c. (*See adv't.*)

21 EMPIRE PARLOR BEDSTEAD CO., 383 W. Madison, Cases, Furniture. (*See adv't.*)

16 F. FISCHBECK, 809 West Lake street, Chicago, a Lounge.

23 J. HYDE FISHER, 50 State street, Chicago, Refrigerators, Ice Boxes, &c.

15 A. L. HALE & BRO., 10 to 16 N. Canal st., Chicago, Parlor and and Chamber Sets, &c. (*See adv't.*)

40 HART & CO., 177 Center ave., Chicago, Clothes Dryer and Clothes Bars.

36 W. F. HUNTINGTON, 272 State st., Chicago, Spring Bed Bottoms.

30 DAVID W. JENKINSON, 259 State street, Chicago, Picture Frames and Mirrors.

25 JOHN L. KAPPLE, Chicago, Adjustable Pew Seat, &c.

29 JOSEPH KEITZ, State st., Chicago, Picture and Mirror Frames, Mantle, and Pier Glasses.

28 GEORGE KELLER, 111 Madison street, Chicago, Mouldings, Mirrors and Frames.

43 D. KELLEY & CO., Muskegon, Mich., Patent Weather-proof Blind.

2 LANSIEDEL, WICKE & CO., 562 and 564 W. Sixteenth street, Chicago, an Ornamental Side Board.

50 McDONOUGH, PRICE & CO., 416 and 418 W. Randolph street, Chicago, Lounges, Folding Sofas, Spring Beds, &c.

31 ORVILLE L. MASON, East Saginaw, Mich., a Patent Parlor Bed Lounge.

13 FRANK MAYER & CO., 302—314 S. Clinton street, Chicago, Bedsteads.

3 JOHN MONZEL, 266 State street, Chicago, one Parlor Set and one Side Board.

41 JAMES NESBITT, 95 North Clark street, Chicago, one Patent Window Frame.

48 NORTH-WESTERN SHOW CASE MANF'G CO., 59 and 61 S. Canal street, Chicago, Show Cases.

18 C. L. PRINDLE, 166—170 State street, Chicago, Prindle's Cabinet Billiard Table.

10 ISRAEL RUSHWORTH, 129 Huron street, Chicago, Piano Stools.

27 SAMMONS, CLARK & CO., 197 and 199 S. Clinton st., Chicago, Picture Frames, Mouldings, Cornices, Chromos, Mirrors, &c.

1 SCHAFF BROTHERS, 255 Clybourn ave., Chicago, two Cylinder Desks.

20 SHERWOOD SCHOOL FURNITURE CO., 103—109 S. Canal st., Chicago, School Desks, Church Seats and Pulpits.

4 SAMUEL STEIN, Rochester, N. Y., Ornamental Burial Caskets.

9 STEPHANI, MONHEIMER & HART, 191 and 193 E. Randolph st., Chicago, Billiard Tables. (*See adv't.*)

49 M. TERHUNE, 46 State street, Chicago, Show Cases.

12 W. W. STRONG FURNITURE CO., 266 Wabash Avenue, Chicago, Rosewood Chamber Set, 3 pieces, Parlor Sets, 7 pieces, Mirrors, Drapery, Side-Boards, &c.

45 Dr. HENRY TONGUE, 187 Washington street, Chicago, Patent Spittoon.

44 WHITTLESEY & PETERS, 129 La Salle street, Chicago, Peters' Improved Woven Wire Mattrass.

24 WILSON ADJUSTABLE CHAIR CO., 56 S. Clark st., Chicago, the Wilson Adjustable Chair.

38 WOVEN WIRE MATTRASS CO., 286 State st., Chicago, Mattrass Co., Mattrasses and Cots.

6 ADOLPH ZELLER, 24 and 26 W. Washington st., Chicago, one Billiard Table and Fixtures. (*See adv't.*)

Department B, Section 2.

Glass Ware, China, Porcelain, Lamps, Gas-Fixtures.

67 JAMES BERRY & CO., 23 N. Jefferson st., Chicago, Cut-Glass for Vestibule of Building.

60 IRA P. BOWEN & CO., 262 and 264 Wabash Avenue, Chicago, Crockery, China, Glass Ware, &c.

62 BURLEY & TYRRELL, 274 and 276 Wabash Avenue, Chicago, Glass Ware, &c.

63 ABRAM FRENCH & CO., 101 and 103 Wabash Ave., Chicago, China and Glass Ware.

73 ILLINOIS GLASS CO., Alton, Ills., Glass Ware.

61 F. & E. JAEGER, 73 Wabash Avenue, Chicago, China and Glass Ware. (*See adv't.*)

70 A. N. KELLOGG, 77 Jackson st., Chicago, Rotary Table Waiter.

71 E. C. LAWRENCE & CO., 105 State st., Chicago, Fine China and Crockery, Cut and Engraved Glass, Rich Mantel Ornaments, Specimens of real Sèvres China, Antique Majolica and Original Wedgwood Ware, &c., &c.

65 M'CLELAND & SAGE, 167 and 169 Randolph st., Chicago, Plate and Window Glass, Bottles, &c. (*See adv't.*)

68 H. P. MERRILL & CO., Importers of Queens Ware and Manufacturers' Agents, No. 70 South State st., Chicago, English Crockery and China Table Ware, and Pittsburgh Glass Ware.

24 SCOTT & OVINGTON BROS., 219 W. Madison street, Chicago, Crockery, China, Glass Ware, &c.

6 H. N. WHEELER & CO., 22 Lake st., Chicago, Lamps, Chandeliers, &c.

69 WOLCOTT, SMITH & CO., 47 and 49 Dearborn st., Chicago, Glass, Paints, Mirrors, &c. (*See adv't.*)

Department B, Section 3.

House-Furnishing Goods and Notions, including Willow Ware, Brooms, Brushes, Etc.

87 HUGH BRADSHAW, 209 W. Lake st., Chicago, a Cistern.

77 CLARK & HILL, 100 Randolph st., Chicago, Brushes.

78 MERWIN CHURCH, 301 and 303 State st., Chicago, Stoves, Ranges, Furnaces, and Kitchen Outfits.

84 GREEN & SPEAR, 257 W. Madison street, Chicago, Bedding and Feathers, and Baby Swing.

85 L. H. MARVIN, Beaver Dam, Wis., Splint Baskets.

86 WILLIAM POTTLE, 235 W. Madison st., Chicago, Baskets and Willow Ware.

76 GEO. J. SCHMIDT & BRO., 246 State st., Chicago, Children's Carriages and Willow Ware.

82 UDELL LADDER AND WOODEN WARE CO., 663 and 665 State st., Chicago, Painters' Extension Ladder, 30 ft., Universal Ladder with side platform, 10 ft., Fruit Ladder with side platform, 8 ft., Library Steps, Clothes Frames. (*See adv't.*)

83 P. P. VALENTINE & CO., 133 Clark street, Chicago, Rubber Strips, &c.

79 H. C. VAN SCHAACK, 50 State st., Chicago, House Furnishing Goods.

80 J. F. & J. E. WHITE, 103 S. Water street, Chicago, Wooden and Willow Ware, and House Furnishing Utensils.

81 WOODS, SHERWOOD & CO., Lowell, Mass., Wire Household Goods, and Toilet Articles.

Department B, Section 4.

Clocks, Watches, Chronometers, Cutlery, Plastic Work, Jewelry, Ornaments, Etc.

100 AMERICAN CLOCK CO., cor. State and Monroe streets, Chicago, Clocks and Cutlery.

108 AURORA SILVER PLATE MANUFACTURING CO., Chicago Office, 272 and 274 State street. N. S. Otis, Mfrs. Agent. Fine Silver Plated Ware, consisting of Table Knives, Forks, Spoons, Tea Sets, Water Sets, Table Ware, &c.

105 E. D. BARTON, 220 E. Kinzie street, Chicago, Clocks.

102 FREEMAN CAMPBELL, 76 Madison street, Chicago, Hair Goods.

107 J. L. CAMPBELL, 74 E. Madison street, Chicago, Hair Jewelers and Hair Goods.

99 CORNELL WATCH CO., 159 LaSalle street, Chicago, Watches.

95 GILES BROS., 266 and 268 Wabash ave., Chicago, Jewelry, Clocks, Watches, &c.

103 M. GLASSBROOK, 203 W. Madison and 145 E. Twenty-second streets, Chicago, Hair Goods.

106 HENRY J. HITTORF, 6 S. Clark street, Chicago, Centrifugal Regulator Clock.

93 M. KRONBERG, 129 S. State street, Chicago, Diamonds, Jewelry, Silver Plated Ware, &c.

97 N. MATSON & CO., State and Monroe streets, Chicago. Exhibit Watches, Silver Ware, Jewelry, Precious Stones, Bronzes and Fancy Goods in great variety. (*See adv't inside back cover.*)

104 B. F. NORRIS & CO., 141 State street, Chicago. Mechanical Bird, Musical Bird Cage, Norris Patent Blow Pipe and Jewelry.

96 RODDIN & HAMILTON, 99 State street, Chicago, Watches, Diamonds, Jewelry, &c.

109 HENRY SEARS & CO., 62 State street, Chicago, Cutlery and Fire Arms.

92 A. B. VAN COTT & CO., 124 S. State street, Chicago, Jewelry, Silver Ware, Fancy Articles and Wax Flowers. (*See adv't.*)

98 EDWARD A. WEBSTER, cor. Wabash ave. and Washington st., Chicago, Jet Work.

101 WENDELL & HYMAN, 235 Wabash ave., Chicago, Silver Ware, Watches, Jewelry, &c. (*See adv't.*)

111 WESTERN CUTLERY CO., Ottawa, Ills., Butcher Knives, Cutlery, &c.

Department B, Section 5.

TOILET AND FANCY ARTICLES—PERFUMERY, EXTRACTS, SOAPS, ETC.

119 BELL MANN & CO., 163 Wabash ave., Chicago, Perfumery and Toilet Goods.

122 FLORENCE MANUFACTURING CO., Florence, Mass., Toilet and Fancy Articles.

126 GILLET, McCULLOCH & CO., 34 and 36 S. Water st., Chicago, Flavoring Extracts, Perfumeries, Hair Oil, Baking Powders, Inks, &c.

121 W. J. M. GORDON, Cincinnati, Ohio, Medicinal Chemicals in Bottles, &c.

129 GRAHAM BROTHERS & CO., 42 and 44 Clinton street, Chicago, Toilet Soaps, Perfumery, &c.

118 MRS. JOHN S. HENDRICKSON, 489 Wabash ave., Chicago, Fancy Goods of all kinds.

125 HUYCK & KNOX, 57 and 59 W. Lake street, Chicago, Extracts and Perfumes.

127 J. LEHMAN, 181 S. Clark street, Chicago, Pocket Books.

116 LEVY BROS. & CO., 185 and 187 W. Madison street, Chicago, Imported Fancy Goods, Hair Work, Jewelry, &c.

120 G. MALLINCKRODT & CO., St. Louis, Mo., Fine Chemicals in Bottles.

132 MERKER BROS., 143 State street, Chicago, Pocket Books, Bill Books, Banker's Cases, Card Cases, Cigar Cases, Leather Cases, Jeweler's Trays, and Fine Leather Goods in general of their own manufacture, and a fine line of Fancy Goods of their own importation.

128 PIONEER MANUFACTURING CO., 51 and 53 Canal street, Chicago, Toilet and Shaving Soaps.

130 JUSTIN RYAN, 89 Miller st., Chicago, Detergent Soaps.

123 E. H. SARGENT, 785 Wabash ave., Chicago, Surgical Instruments, Perfumery, Medicines, Chemicals, Toilet Goods, Physician's Supplies, &c.

131 STEELE & PRICE, 203 S. Water street, Chicago, Baking Powder, Flavoring Extracts, Lemon Sugar, &c. (*See adv't.*)

117 MRS. E. H. STEIN, 124 W. Madison street, Chicago, Fancy Goods and Notions.

124 HENRY THAYER & CO., Cambridgeport, Mass., Drugs, Extracts and Sugar Coated Pills.

Department B, Section 6.

TEXTILE FABRICS—WOOLEN, COTTON, SILKS, MIXED AND OTHER MILL AND HAND MADE FABRICS, PIECE GOODS, &c.

174 BELDING BROS. & CO., 198 Madison street, Chicago. Exhibit Sewing Silk and Machine Twist of their own manufacture. Raw Silk in different stages of manufacture. (*See adv't.*)

154 BLAKE & CO., Racine, Wis., Shawls.

166 BLACKMORE, HARPER & CO., Liberty, Mo., Tweeds.

167 GEO. BUELL & CO., St. Joseph, Mo., Yarns and Flannels.

141 BURKITT, SUTTON & STANLEY, Chicago, Fancy Knit Goods.

170 CARSON, PIRIE, SCOTT & CO., Chicago, Lace Shawls.

158 COLUMBUS MANUFACTURING CO., Columbus, Georgia, Sheetings and Bats.

155 CHANDLER, CONGDON & CO., Beaver Dam, Wis., Fancy Cassimeres.

162 F. A. DAVIS & CO., Zenia, Ills., Flannels.

152 DECORAH WOOLEN MILLS, Decorah Iowa, Fancy Flannels.

172 ELMER, BALL & WHITE, Chicago, Buckskin Underwear.

175 G. H. FOSTER & CO., 10 and 12 Madison st., Chicago. Samples of Sewing Silk, Cotton and Linen Thread. (*See adv't.*)

148 H. R. GARDNER & CO., Jonesville, Mich., Fancy Cassimeres.

138 GIBSON & TYLER, Minneapolis, Minn., Blankets.

139 CHAS. W. GILBERT, Worcester, Mass., Woolen Machinery.

156 A. GREVE & CO., Sparta, Wis., Socks.

150 JOHN HORNE & SONS, Carrolton, Ky., Kentucky Jeans.

163 CHAS. P. HORNER, Petersburg, Ill., Yarns, &c.

142 KNOX COUNTY WOOLEN CO., Knoxville, Ills., Cassimeres, &c.

153 LACON WOOLEN CO., Lacon, Wis., Shawls.

168 LAMB KNITTING MACHINE CO., Chicago, Socks and Fancy Work

175 McLEAN M'F'G COMPANY, Janesville, Wis., Repellants.

144 McFETRIDGE, BURCHARD & CO., Beaver Dam, Wis., Cassimeres, Blankets, &c.

145 NEW ENGLAND CO., Rockville, Conn., Fancy Cassimeres.

173 PARKS & WOOLSON, Springfield, Vermont, Woolen Machinery.

169 RANDALL, FARR & CO., Hespeler, Ontario, Alpacas.

164 RIGGS & HEPBURN, Perrysville, Ind., Blankets, Yarns.

161 J. H. SHIMER, Hillsboro, Ills., Woolen Yarns.

143 L. W. SINCLAIR, South Chicago, Ills., Jeans.

171 J. A. SMITH & CO., 161 State street, Chicago, Furs.

140 J. G. STOLP, Aurora, Ills., Woolen Goods.

149 W. E. TABB & CO., Dover, Ky., Kentucky Jeans.

146 TICKERMAN & CO., Springfield, Ills., Fancy Woolens.

157 TENNESSEE MANUFACTURING CO., Nashville, Tenn., Sheetings and Bats.

151 TUELL, RIPLEY & DEMING, Terra Haute, Ind., Fancy Flannels.

159 TULLAHOMA MANUFACTURING CO., Tullahoma, Tenn., Woolen Yarns.

160 VENWERT WOOLEN MILLS, Venwert, Ohio, Woolen Yarns.

165 CHAS. P. WALLACE, Steubenville, Ohio, Tweeds.

147 WAUKESHA COUNTY MANF'G CO., Waukesha, Wisconsin, Fancy Cassimeres.

Department B, Section 7.

EMBROIDERIES AND FANCY WORK IN SILK, COTTON, WOOL, HAIR, WAX, FEATHERS, LEATHER, &c.

197 H. R. CABEREY, 98 Madison st., Chicago, Military and Masonic Goods.

195 MRS. JANE COOK, 650 Burnside st., Chicago, Wax Flowers.

191 J. COX & CO., 182 E. Madison st., Chicago, Artificial Flowers.

194 LOUIS DAMPF, 184 Monroe st., Chicago, Artificial Paper Work.

199 G. F. FOSTER, SON & McFARREN, 4 Market street, Chicago, Flags, Tents, Cordage, Blocks, Tackle, Oars, Regalia, Steel and Iron Ware, Rope, Vessel Models, &c. (*See adv't.*)

196 W. F. FOSTER & CO., 10 and 12 Madison street, Chicago, Thread Cabinets.

192 MISS H. GUEST, 256 W. Madison st., Chicago, Hair Work.

190 MRS. ELIZABETH S. HAAS, 75 Ontario street, Chicago, Crochet and Fancy Needle Work with Samples.

202 E. B. KELLERMAN, New Buffalo, Mich., Prepared Moss and Moss Goods.

200 MRS. FRANZISKA LICHTNER, 269 N. Carpenter st., Chicago, Knitted Bed Covers and Table Cloth.

203 G. MENDELSON, 34 Washington street, Chicago, opp. Field, Leiter & Co. Zephyr Worsted, Embroideries, Ribbons, Laces, Trimmings, White Goods, Notions, Fancy Goods, together with elegant Foreign novelties.

193 MRS. S. R. MITCHELL, 675 W. Adams street, Chicago, Needle Work, &c.

198 A. S. WADHAMS & CO., 192 Clark street, Chicago, Masonic Goods, &c.

Department B, Section 8.

Garments for both Sexes, and all Ages, including Coiffures, Wigs, and Hair-Work, Straw Goods, Hosiery, Boots and Shoes, Hats, Caps, Bonnets, Gloves, Fans, Umbrellas, Parasols, Canes, Dolls and Toys, Trunks, India Rubber Goods, Carpets, Furniture Tissues, Leather, Cordage, Travelers' Equipments, &c.

257 AMERICAN MOLDER COLLAR CO., S. Boston, Mass., Gray's Molded Collars and Cuffs.

224 D. P. BARRETT & CO., 84 and 86 Monroe street, Chicago, Paper Boxes, Paper Frames, Passe-partouts, Display Cards for Photographers' use.

223 JOHN BORGERSON, 30 Temple st., Chicago, Ladies' Sewing Work Boxes, Tobacco Boxes, Needle Cases, &c.

275 BROWN, PRIOR & FISK, 163 Wabash ave., cor. Monroe, Chicago. A fine stock of Gents' Furnishing Goods imported and of our own manufacture.

261 BROWNSON BROTHERS & CO., 192 and 194 Madison street, Chicago, Men's Furnishing Goods.

272 CLEMENT, MORTON & CO., cor. State and Madison st., Chicago, Clothing.

260 COLLINS & HUNT, 128 Dearborn street, Chicago, Shirts and Gents' Furnishing Goods.

263 COYLE & DICKINSON, 209 W. Madison st., Chicago, Shirts.

254 C. A. CRELL, 78 and 80 State st., Chicago, Paper Collars. (*See adv.*)

236 CROFOOT, STEELE & CASS, 59 and 61 Lake street, Chicago, Pegged Shoes.

258 DAMON, TEMPLE & CO., 111 and 113 Wabash ave., Chicago. A full assortment Gents' Neck Wear. (*See adv't.*)

238 DOGGETT, BASSETT & HILLS, 29 and 31 Lake street, Chicago, Custom Made Boots of various kinds of their own manufacture. (*See adv't.*)

251 EASTERLY & SPAFFORD, 159 Clark street, Chicago, Men's Furnishing Goods.

274 ELY & CO., Wabash ave. and Washington st., Chicago. Extra choice Goods of Men's wear, consisting of Cloths, Cassimeres, Beavers, Shirtings, &c. (*See adv't.*)

277 C. H. FARGO & CO., Madison street, cor. Market, Chicago, Boots and Shoes, Buffalo lined Boots and Shoes, Women's, Misses' and Children's Calf Shoes, all their own make. Rack showing boots in process of manufacture. Ladies' Misses' and Children's fine Shoes, &c. (*See adv't.*)

212 D. B. FISK & CO., Wabash ave. and Washington st., Chicago. A full stock of rich Millinery Goods, consisting of choice Flowers, Feathers, Trimmed Goods, Millinery and Fancy Articles of both Foreign and Home production. (*See adv't.*)

210 GAGE BROS. & CO., 227 and 229 Wabash ave., Chicago, Pattern Bonnets, Hats, Laces, Notions, Flowers, Ribbons, Velvets, &c. (*See adv't.*)

234 N. E. GERRY & CO., 124 S. Clark st., Chicago, Gents' Over-Gaiters and Leggings, Ladies' Gaiterettes and Children's Leggings of their own manufacture. (*See adv't.*)

226 GOODYEAR RUBBER CO., 105 and 107 Madison st., Chicago. Geo. Clapp, agent. Belting, Hose, Rubber Clothing, Boots, Shoes, Door Matts, Carriage and Horse Clothing, Combs, Balls and Toys, Bed Pillows, Cushions, Life Preservers, Druggists' and Stationers' Goods, Piano and Organ Covers, Silk and Cotton Elastic Goods, &c. (*See adv't.*)

232 GREENSFELDER, ROSENTHAL & CO., 34 and 36 Wabash ave. Boots and Shoes.

211 A. J. GRIFFIN & CO., 163 LaSalle st., Chicago, Wood Carpet.

228 HALL & BRO., 18 Halsted st., Chicago, Horse and Wagon Covers, Water Proof Coats, Water Proof Overalls, &c.

225 HALLOCK & WHEELER, 169 Randolph street, Chicago, Rubber Goods. (*See adv't.*)

243 HASKELL BROTHERS, Tribune Building, cor. Dearborn and Madison sts., Chicago, Trunks, Valises, Traveling Bags, &c.

231 C. M. HENDERSON & CO., 220 and 222 Madison st., Chicago. A Boot and Shoe Manufactory and assortment of Boots and Shoes. (*See adv't.*)

209 HILGER, JENKINS & FAXON, 107 State street, Chicago, Paper Hangings, &c.

227 HIRSH & CO., 133 State street, Chicago, Assortment of Umbrellas and Parasols. (*See adv't.*)

230 S. HOLDERNESS & CO., 103 E. Madison st., Chicago, Rubber Stereotypes, &c.

207 E. F. HOLLISTER & CO., 121 and 123 State st., Chicago, Carpets, Furniture, Curtains and House Furnishing Goods. (*See adv't.*)

218 HOTCHKIN, PALMER & CO., 137 and 139 State st. near Madison street, Chicago. Their own manufacture Trimmed Hats, Ladies' Velvet and Cloth Cloaks, also Misses' and Infants' Cloaks, and one case of Bazaar Glove fitting patterns.

267 E. M. & A. A. HUGHES, 341 W. Madison street, Chicago, Infants and Children's Clothing.

270 G. L. HUYCK & CO., 99 E. Madison st., Chicago, Gents' Furnishing Goods.

239 E. AUGUST JACOBS & CO., 54 and 56 N. Wells st., Chicago, Cords, Tassels, Gimps, Fringes, &c.

262 E. JENNINGS & CO., 420 W. Randolph street, Chicago, Short Collar Cuffs and Gents' Underwear.

247 JOHN LALLY, 103 Sampson st., Chicago, Boots.

229 LAPHAM, SMIBERT & CO., 241 Lake st., Chicago, Leather and Leather Beltings.

246 C. MACKENZIE, 103 E. Madison st., Chicago, Hats, Caps, &c.

214 W. F. MAYHON & CO., 274, 276 and 278 Wabash ave., Chicago, Straw and Velvet Hats, Silk and Velvet Quilt made of 4,000 pieces, each different in size and shape. (*See adv't.*)

250 JULIUS NEWMAN, 90 State st., Chicago, Corsets and Hoop Skirts.

222 NOVELTY MANF'G CO., 495, 497 and 499 N. Wells st., Chicago, Baby Carriages, Boys' Velocipedes, Hobby Horses, Sleighs, &c.

265 A. J. NUTTING, 188 and 190 State st., Chicago, Men's and Boys' Clothing and Furnishing Goods.

266 ORDWAY & NEWLAND, 209 W. Madison st., Chicago, Gentlemen's Clothing.

242 PARKER & TILTON, 83 Clark st., Chicago, Hats, Gentlemen's Head wear and Furs.

208 SPENCER H. PECK, 195 and 197 Wabash ave., Chicago, Carpets, Curtain Goods, &c.

271 J. A. PIERCE, 79 Clark st., Chicago, Toy Steam Engines, Steamboats, Locomotives, Mechanical Toys, Working Models, &c.

256 R. M. PEARE & CO., 203 Fifth ave., Chicago, Rubber and Leather Belting, Hose, Packing and Tubing, Gasket's Shaft Rubber, Wringer Rolls, Wagon Springs, Packings, Cans, Wrenches, Lace Leather, Belt Fastenings, Files, Rasps, &c.

248 PHELPS, DODGE & PALMER, Chicago, Boots and Shoes.

220 J. FREEMAN QUIGG, 253 W. Madison st., Chicago, Baby Swings, Rocking Horses, Jumpers, Patent Cradles, Blacking Cases, &c.

219 SCHWEITZER & BEER, 154 State st., Chicago, Toys and Fancy Goods. (*See adv't.*)

237 M. SELZ & CO., 219 and 221 Madison st., Chicago, Custom Kip, Fine Kip, Veal Kip Calf, Tap Sole and Driving Boots, and Calf Shoes all hand made from superior stock. (*See adv't.*)

264 MRS. E. P. SMITH, 490 Wabash ave., Chicago. The Excelsior Self Fitting Dress Chart, for cutting Ladies' and Children's Garments.

276 J. A. SMITH & Co., 181 State st., Chicago, Hats, Caps, Furs, &c.

244 JOSHUA SMITH, 204 State street, Chicago, Trunks, Travelers' Equipments, &c.

269 SMITH & HOSMAR, 132 Dearborn st., room 18, Chicago, Smith's Patent House Tent and Doll Houses.

240 SWEET, DEMPSTER & CO., 220 and 222 E. Madison st., Chicago, Hats, Caps, Furs and Gloves.

218 VERGHO, RUHLING & CO., 138, 140 and 142 State st., Chicago, Baby Wagons, Velocipedes, Wooden and Willow Ware, Toys, Music and Work Boxes, Writing Desks, Dressing Cases, Leather Fancy Goods, &c. (*See adv't.*)

245 VOGLER & GEUDTNER, 156 State st., Chicago, Trunks and Traveling Bags of their own manufacture.

216 WALSH & HUTCHINSON, 251 and 253 Wabash ave., Chicago, Ribbons, Velvets, Flowers, Feathers, Hats, Pattern Bonnets, &c. (*See adv't.*)

259 E. M. & W. WARD, 184 E. Madison st., Chicago. James Tod, agt. Paper Collars, Cuffs, &c.

235 M. D. WARNER & CO., 93 East Washington street, Chicago, Over Gaiters.

221 WARNER, MARSTON & FELIX, 36 and 38 River st., Chicago, Twines, Cordage, Wood and Willow Ware, Brushes, Matches, &c.

277 JOHN WAYTE, HOME LAUNDRY and SHIRT FACTORY, 531 and 533 State st., and 90 Dearborn st., Chicago, Shirts of their own make, and Laundry Goods.

253 WEBBER & HARKIN, 109 Clark st., Chicago, Gents Furnishing Goods, and Shirts of their own manufacture.

213 D. WEBSTER & CO., 270 and 272 Wabash ave., Chicago, Ladies' and Children's Hats, Laces, Notions, French Flowers, Ribbons, Velvets, Silks, &c. (*See adv't.*)

249 M. D. WELLS & CO., corner Madison and Market streets, Chicago, A full line of Boots and Shoes of their own manufacture.

217 H. W. WETHERELL, 45 and 47 Jackson street, Chicago, Hats, Laces, Flowers, Ribbons, Velvets, Feathers and Notion Goods, also a Scotch Mat which received the Medal at the first London Exposition. (*See adv't.*)

241 W. F. WHITNALL & CO., 134 Lake street, Chicago, Gloves, Mittens, Whips and Lashes.

221 WARNER, MARSTON & FELIX, 36 and 38 River st., Chicago, Twines, Cordage, Wood and Willow Brushes, Matches, &c.

255 WILSON BROS., S. East cor. of State and Washington sts., and Arcade ct., Clark street, Chicago, Shirts and Men's Furnishing Goods.

233 A. A. WISWALL, 76 State st., Chicago, Boots and Shoes.

Department B, Section 9.

Portable Articles for Hunting, Fishing and Encampment, Fire-Arms, Fishing Tackle, Traps, Tents, &c.

294 F. J. ABBEY & CO., 43 S. Clark st., Chicago, Guns, Fishing Tackle and Sporting Goods.

292 JOSEPH BUTLER & CO., 179 E. Madison st., Chicago, Breech Loading Shot Guns, Fishing Tackle, &c.

290 BIGGS, SPENCER & CO., 335 Wabash ave., Chicago, samples of fine Damascus Lamenated Steel and London First Breech and muzzle loading Shot Guns of English, French and Belgium make. Sporting equipments of Domestic and Foreign make. Fine Cutlery mounted in Ivory, Pearl and Stag. Fine Pocket Knives in all the modern designs, and materials showing all recent improvement in their manufacture.

295 CHAS. MORRIS, 576 W. Washington street, Chicago, samples of Fire Works.

293 J. W. D. KELLY & BRO., 88 Madison st., Chicago, Cutlery, Base Ball, Gymnastics, Cricket, Skates, Sporting Goods, &c.

298 LAFLIN & RAND POWDER CO., C. H. Vehmayer, agent, 4 State st., Chicago, samples of Kegs, Canisters and different goods, Gunpowder Safety Fuses, Electric Batteries, Exploders, Leading and Connecting Wires, &c. (*See adv't.*)

297 LIEUT. GEO. H. PALMER, 16th Infantry, U. S. A., Waukesha, Wis. A set of Army Equipments.

291 E. REMINGTON & SONS, Ilion. New York, Fire Arms of all kinds of their manufacture. (*See adv't.*)

296 J. J. WHITEHOUSE, 7 State st., Chicago, DuPont's Powder in Kegs.

Department B, Section 10.

Horse Equipments and Stable Furniture, Harness Work, Saddlery, &c.

302 F. W. BRINNER, 1367 State st., Chicago, Harness and Saddlery Work.

300 L. C. CHASE & CO., Cor. State and Harrison sts., Chicago, Harness and Horse Furnishing Goods of every description. (*See adv't.*)

308 S. L. HARRELL, Agt., 45 State st., Chicago, Saddlery Hardware, Blankets, Rugs, Mats, Riding Saddles, Pat. Leather Goods, Enamelled Clothes, Harness, Tools, &c. (*See adv't.*)

306 J. HERKIMER, Chicago, Whips, Harness, Blacking Polish, Herkimer's Ring Holders, &c.

305 MURRAY & BAKER, 100 So. Desplaines st., Chicago, Model of Building, Awning on Windows, &c., Horse Covers, Wagon Covers, Feed Bags, Coats, Leggins, Water proofs, &c.

307 ORTMAYER, LEWIS & CO., 16 and 18 State st., Chicago, Saddles, Collars, Bridles, Gig Saddles, Drawing Reins, Gig Suits, Lap Robes, Blankets, Turf Goods, &c. (*See adv't.*)

201 S. R. PHILLIPS & SON, 414 Wabash Av., Chicago, Harness Saddles and Horse Equipments, Wooden Horse to Sulky, Harness and Saddlery.

203 SHORT & BRAYTON, 181 E. Madison st., Chicago, Harness and Saddlery Goods. (*See adv't.*)

304 S. TAYLOR & CO., 113 E. Madison st., Chicago, Harness, Saddles and Saddlery Hardware.

N. B.—Names of exhibitors in this department not entered above, will be found in the appendix.

CLASS B.

A. L. Hale & Bro.,

FURNITURE,

10, 12, 14 & 16 CANAL ST.,

CHICAGO.

ESTABLISHED 1856. ESTABLISHED 1856.

GAGE BROTHERS & CO.

WHOLESALE DEALERS IN

MILLINERY, STRAW GOODS, NOTIONS AND

LADIES' FURNISHING GOODS,

227 & 229 Wabash Avenue, *CHICAGO.*

Our firm is so well known throughout the entire West that it is only necessary to say, that we are the *Representative Millinery, Notion and Fancy Goods House of Chicago*, and have continued so, uninterrupted by *panics* or *fires*, for the past 17 *years*.

Our store is 54x160 feet, five stories high, well lighted, built expressly for us, contains all modern improvements and facilities for our *large business*. An extensive and complete stock — great advantages in purchasing we offer to *Merchants* and *Milliners* of the *West*, inducements for *cash* and *prompt payment*, not excelled by any house in the trade.

☞Dealers in our lines of goods visiting Chicago are requested to call.

We pay particular attention to all orders sent to us and guarantee satisfaction.

C. H. FARGO. J. BENHAM. C. E. FARGO.

C. H. FARGO & CO.,

MANUFACTURERS AND JOBBERS OF

BOOTS & SHOES,

MADISON STREET, CORNER OF MARKET,

CHICAGO, ILL.

MANUFACTURE

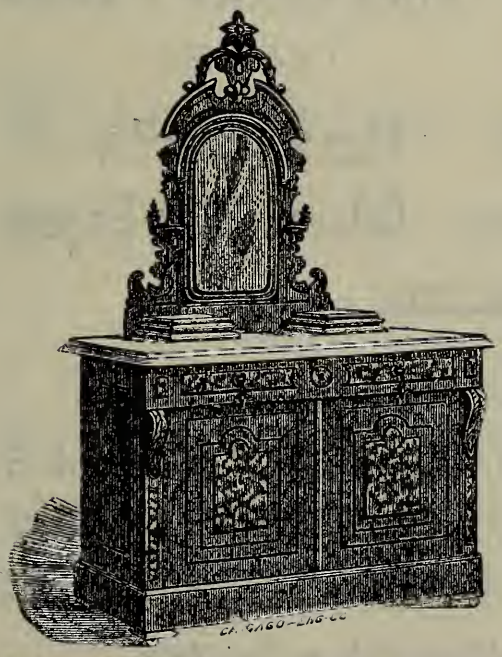
MEN'S BUFFALO-LINED BOOTS AND SHOES,

AND MAKE A SPECIALTY OF

RUBBER GOODS.

☞ SEE GOODS ON EXHIBITION. ☜

THE EMPIRE PARLOR BEDSTEAD.



The Dressing Case Style, representing the Bedstead closed.

An elegant piece of Furniture; convertible in an instant into a

PERFECT BED.

SEVEN STYLES, ALL SIZES.

Represents at pleasure,

A BOOK CASE, DRESSING CASE, WARDROBE, SIDE-BOARD, ETAGERÈ, HIGH-DESK, and HIGH AND LOW DESK COMBINED.

It occupies only one-fourth the space of a common bedstead. Pronounced by all the greatest invention in furniture of modern times.

☞ Can be seen in the Exposition.

For sale wholesale and retail by

EMPIRE PARLOR BEDSTEAD CO.,

SOLE PROPRIETORS,

383 WEST MADISON ST.,

CHICAGO.

CLASS A.

PAPER.

J. W. BUTLER & CO.,

MANUFACTURERS, IMPORTERS & WHOLESALE DEALERS

IN ALL KINDS OF COARSE AND FINE

PAPERS

NEWS PRINT,
White and Colored.

BOOK PAPERS,
White and Tinted.

FINE WRITING PAPERS,
Super and Extra Super.

RUSSELL'S MANILLAS, FINE WRAP PAPER,
PAPER BAGS, TWINES.

Flat Papers, Card Boards, Straw Boards,
Tar. Boards, Glazed Papers, Colored Flat Papers,
Colored Mediums.

OFFICE OF

FLORENCE MILLS, SOUTH BEND MILLS,
WAUASSA MILLS, ST. CHARLES MILLS,
BUTLER'S MILLS.

Orders for Special Sizes and Weights of Paper made on Short Notice.

184 and 186 Monroe St., CHICAGO.

CLASS B.

D. WEBSTER & CO.,

Successors to Webster Bros.,

Importers, Jobbers and Manufacturers

(OF)

MILLINERY, STRAW GOODS, LACES, RIBBONS,

Hair Goods, Notions, &c.

270 & 272 WABASH AVENUE.

Orders by Mail promptly filled at Lowest Market Prices.

D. WEBSTER & CO.,

RETAIL DEPARTMENT,

Import and Manufacture all the

Latest Styles of Bonnets and Hats

AND KEEP A FULL ASSORTMENT OF

Fine Trimmed Bonnets

ALWAYS ON HAND, ALSO

Ribbons, Laces, Flowers, Feathers, Wings, Hair Goods, Notions, Straw Goods, &c.

VISITORS TO THE EXPOSITION ARE INVITED TO CALL AND EXAMINE OUR STOCK.

D. WEBSTER & CO.,

270 & 272 Wabash Ave., **CHICAGO.**

DOGGETT, BASSETT & HILLS,

MANUFACTURERS AND WHOLESALE DEALERS IN

Boots and Shoes,

Nos. 29 and 31 Lake Street,

COR. WABASH AVENUE,

WM. E. DOGGETT,
D. HOBART HILLS,
CHARLES H. CRAM.
HENRY D. BASSETT, Boston, (Office 79 Pearl St.)

CHICAGO.

Samples of our Custom Made Boots can be seen in the Boot and Shoe Department.

JAS. WALSH. THOS. HUTCHINSON. P. J. HENNESSY. P. S. WETTERER.

WALSH & HUTCHINSON,

Importers, Manufacturers and Jobbers of

MILLINERY & STRAW GOODS

NOTIONS AND LADIES' FURNISHING GOODS,

251 & 253 Wabash Avenue,

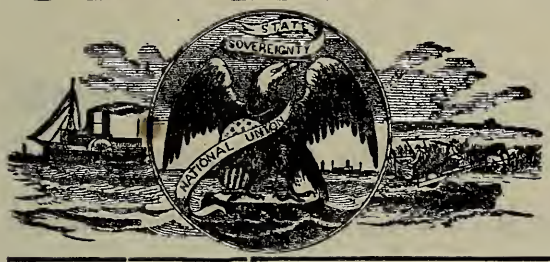
NEW YORK OFFICE,
530 BROADWAY.

CHICAGO.

SOL. HIRSH. **HIRSH & CO.,** LAZ. HIRSH.

MANUFACTURERS OF ALL KINDS OF

UMBRELLAS & PARASOLS



133
STATE STREET
CHICAGO.

H. W. WETHERELL,

Successor to H. W. & J. M. WETHERELL,

IMPORTER AND JOBBER OF

Millinery, Straw Goods and Notions,

Nos. 45 & 47 JACKSON ST.,

CHICAGO, ILL.

C. M. HENDERSON & CO.,

MANUFACTURERS and JOBBERS OF

BOOTS and SHOES

220 and 222 Madison St., cor. Franklin,

C. M. Henderson.
W. S. Henderson.
Edmund Burke.

CHICAGO.

This is the oldest firm in Chicago devoted exclusively to the Boot and Shoe trade, and they have always on hand the largest wholesale stock in their line to be found in the West. Their new building, in addition to spacious and attractive sales rooms on the lower floor, has two entire upper stories devoted to manufacturing, where upward of two hundred employes are constantly at work making their famous CUSTOM BOOTS. No effort will be spared in the future to sustain the high reputation earned in the past in this particular department.

CLASS B.

PAGE, BRO. & CO.

IMPORTERS AND DEALERS IN

LEATHER AND FINDINGS,

59 and 61 Lake and 39 State Sts.

OLD CITY HOTEL CORNER,

WILLIAM W. PAGE, Boston, Mass. **CHICAGO.** ORVILLE PAGE. C. E. PAGE. } Chicago.

WE MAKE A SPECIALTY OF

Boot and Shoe Machinery,

BEING

Exclusive Northwestern Agents

FOR THE

Boot & Shoe Machinery Manufacturing Co.

OF BOSTON, MASS.

GOODYEAR RUBBER CO.,

GEO. CLAPP, AGENT,

FORMERLY "RUBBER CLOTHING CO."

Rubber and Leather Belting,

PACKING AND HOSE.

Rubber Clothing, Boots and Shoes.

COMBS, BALLS, TOYS,

Carriage and Saddlery Hardware,

Druggists and Stationers' Rubber Goods.

Excepting only our New York House, we carry the

Largest Stock of Rubber Goods of any House in the United States.

All Goods quoted at New York Prices, thus giving the advantage of the Freight.

---

105 and 107 MADISON STREET,

CHICAGO.

361 & 363 Broadway, cor. Franklin Street, New York.
400 North Fourth Street, St. Louis.
607 Market Street, San Francisco.

F. M. SHEPARD, Pres. J. A. MINOTT, Sec'y.

Udell Ladder and Wooden Ware Co.,

HAVE FACTORIES AT NORTH INDIANAPOLIS, IND.

AND SALESROOMS

CHICAGO,	663 & 665 STATE STREET.
St. Louis,	311 Market Street.
Cincinnati,	101 West Fifth Street.
New York,	32 Cortlandt Street.
Philadelphia,	1109 Market Street.

WHERE THEY MANUFACTURE AND SELL

UDELL'S CELEBRATED PATENT LADDERS,

And many Useful Articles of House Furnishing Wooden Ware.

We Guarantee our Goods to be the Best in the Market.

Send for Illustrated Catalogue containing Price List. Address,

B. H. CAMPBELL, Resident Secretary.

UDELL LADDER AND WOODEN WARE CO., *665 State Street, Chicago.*

The Aurora Silver Plate

MANUFACTURING CO.

AURORA, - - ILLINOIS.

Manufacturers of and Dealers in all kinds of fine

SILVER PLATED AND WHITE METAL GOODS.

REPLATING in Gold and Silver, and REPAIRING done at Short Notice.

Our patterns and styles both of Flat and Hollow Ware are of the latest and best, to which we are constantly adding. All our goods are *warranted full weight of Silver* as stamped, and plated on best White Metal or Nickel.

We have secured the services of Mr. E. W. Porter, late of the Porter Silver Plate Co., Taunton, as our Superintendent, and added $100,000 to our Capital, and are thus able to meet the constantly increasing demand for our goods.

Special attention given to furnishing *Hotel Ware*, many of the New Hotels in Chicago, Milwaukee, Joliet and other places having been supplied by us.

A full line of Samples on hand at our Chicago Office,

Nos. 272 & 274 STATE STREET,

With Tillottson Bros. & Co. **N. S. OTIS, Mfrs. Agent.**

LAFLIN & RAND POWDER CO.,

MANUFACTURERS OF

GUN POWDER,

No. 4 State Street, cor. S. Water,

C. H. VEHMEYER, Agent, CHICAGO, ILL.

Orange Sporting Powder.

ORANGE LIGHTNING POWDER.

The best Powder made. Sizes, Nos. 1 to 7. Packed *only* in sealed one pound canisters.

☞Care must be taken to use no finer size than No. 5 in metal shells or fine breech-loading guns, as it is too quick for the strength of either.

ORANGE DUCKING POWDER.

Expressly prepared for shooting water fowl. Very strong and clean. Sizes, Nos. 1 to 5. Packed in metal ("gold band") kegs of 6¼ lbs., and canisters of 5 lbs. and 1 lb.

AUDUBON POWDER.

Very quick, for woodcock and other shooting from muzzle-loading guns. Sizes, Nos. 1 to 4. Packed in metal kegs of 12½ and 6¼ lbs., and canisters of 1 lb.

ORANGE RIFLE POWDER.

The best for *rifles*, and good for all ordinary purposes. Sizes, FG, FFG, and FFFG. Packed in wood and metal kegs of 25, 12½, and 6¼ lbs., and canisters of 1 lb. and ½ lb.

The above are the principal brands only, and will be found to give high velocity with less residuum than other powders. For information as to BLASTING and OTHER grades of SPORTING Powder, ELECTRIC BATTERIES SAFETY FUSE, GUN CAPS, WADS, CARTRIDGE, &c., address

LAFLIN & RAND POWDER COMPANY,

C. H. VEHMEYER, Ag't,

No. 4 State Street, CHICAGO.

AN EXTENSIVE COMPANY.

"The LAFLIN & RAND POWDER CO." are the largest manufacturers of gunpowder, not only in the United States, but in the world. Their principal office is at No. 21 Park Row, N. Y., but they have branch offices in Philadelphia, Buffalo, Chicago, St. Louis, Dubuque, and other places, with agencies in nearly all our principal cities. Their organization is a consolidation into one corporation of four different companies which had previously been more or less under the same ownership. Of their ten establishments for making powder, five are located at different points in the State of New York, three in Pennsylvania, one in Maryland, and one in Wisconsin. They own several manufactories for kegs, barrels, machinery and similar appliances. Two of the largest are located in New York, one devoted entirely to the manufacturing of machinery for the different mills, the other to the preparation of metallic kegs and canisters. Each of their powder works is necessarily extensive, as the nature of the business requires it to be conducted in widely detached buildings, with, of course, separate motive power. On this account water is generally employed and the

extent of their business can be inferred from the fact that this company keep over seventy water wheels in constant operation, although steam is employed in some places as being locally more economical. The transportation of powder is sometimes dangerous and always expensive; hence it is largely conducted in their own vessels or railroad cars, especially adapted to the purpose. Also when finally brought to market, public safety requires that magazines be erected for its storage at all distributing points, the expense of which, with land sufficient to secure the building from molestation and the neighborhood from danger, of itself involves a large capital.

Several of their works are employed exclusively upon gunpowder for use in fire arms. The one built in 1807, at Newburg, Orange Co., New York, and still running, has given its name to the "Orange Rifle Powder," a title which will be recognized at once by all our readers who have leisure for "dog and gun." This is the powder, which, after fifteen months competitive trial between makers of our own and other countries, was adopted by the Russian government and is now used by them. Several other European countries have also been supplied by this company.

Contrary to the general idea, the demand for powder is far greater in peace than in war. The main business of the LAFLIN & RAND POWDER CO. is in supplying our great engineering operations with material especially adapted to their wants. The quality of powder required in mining bituminous coal for instance is very different from that which most economically removes the hard quartz work of our silver mines. Moreover, the product of one is wanted in as large masses as possible, the other with the utmost comminution. The working of a marble quarry for slabs or the same limestone for burning, furnishes another familiar example. So too, a single railway cutting can frequently employ to advantage a different grade of powder in the side-hill, in the tunnel, and in its "approach." A noted contractor recently discharged, simultaneously, by means of this company's electrical apparatus, some 40 different blasts within supporting distance of each other, which contained three different kinds of powder, and on measuring found his profits to be over $1,500 from the one explosion. The amount of money which can be saved by adapting means to ends in this matter will astonish those who have not investigated the subject. The question of explosives is becoming a very practical one to engineers in this day of railroads. We want the most foot-pounds work for the fewest pennies. For years there have been more powerful substances than gunpowder, as the fulminates, nitro-glycerine, gun-cotton and the like, but beyond the objection of danger from their generally unstable and sensitive character is the insuperable one of *cost*, and powder will be apt to hold its place until, relatively speaking, we can buy more gas for the price of saltpetre or find a cheaper base than charcoal.

To meet this requirement has been the object of the LAFLIN & RAND POWDER CO. They make it their business to inform every mining superintendent, engineer or contractor who applies to them, at once, of just what he requires for the work in hand, and then to keep him supplied at his place of operations, promptly and cheaply. How well they have succeeded can be seen by the marks of their powder, "graven on the rocks" of all our great engineering triumphs from the Erie Canal to the Pacific Railroad.

IMPORTANT TO SPORTSMEN.

The ORANGE "LIGHTNING" and "RIFLE" POWDER, manufactured by the LAFLIN & RAND POWDER CO., New York, has proved itself superior in every respect to all other Gunpowders. Sportsmen who use it pronounce it to be the best they have ever used, it being strong, clean and always the same. During a period of fifteen months it has been experimented with in competition with all the principal powders of American and Foreign manufacture, by officers of the Russian and other Governments, who have shown their preference for the ORANGE POWDER before all others, by ordering it for the cartridges which are being manufactured for them, as being stronger, cleaner and more uniform than any other.

We have numerous unsolicited testimonials from all parts of the country, from sportsmen who have used it for everything, from the smallest game bird even to the black bears and alligators, with the greatest success, and say they have at last found what they have long searched for—viz: a STRONG, CLEAN POWDER.

We believe it to be superior to any American Powder, and are pleased to furnish it for competitive trials at all times.

Attention is called to the nature of the residuum left in the gun, it being a soft oily deposit, which is removed by the following charge, and in weight is *less than one quarter of one per cent. of the powder used in loading.*

General Office, No. 21 Park Row, New York.

Chicago Office, 4 State Street, corner of South Water.

The Only Exclusive Window Glass and Bottle House in Chicago.

McLELAND & SAGE,

167 AND 169 RANDOLPH STREET.

OUR SPECIALTIES:

GLASS!

Plate Glass, English, French and American Window Glass, French Mirror Plates, German Looking-Glass Plates, Floor, Sky-light, Colored, Cut, Enameled, Ground and Embossed Glass.

ESTIMATES GIVEN AND CONTRACTS MADE.

BOTTLES!

Blueing, Schnapp, Pickle, Claret, Wine and Brandy, Hock Wine, Ale and Porter, Flavoring Extracts, Mineral and Soda Water, Ink and Packing Bottles, Prescription Vials, Demijohns, Carboys, Flasks, Mucilage Bottles and Brushes, Ovals and Panels, Pomade and Hair Oil Bottles. Machine Cut Corks, Etc., Etc.

IN WRITING FOR QUOTATIONS, SPECIFY QUANTITIES.

M'Cleland & Sage,

167 & 169 RANDOLPH ST.,

CHICAGO, ILL.

Merrill & Houston Iron Works,

BELOIT, WISCONSIN.

Manufacturers of

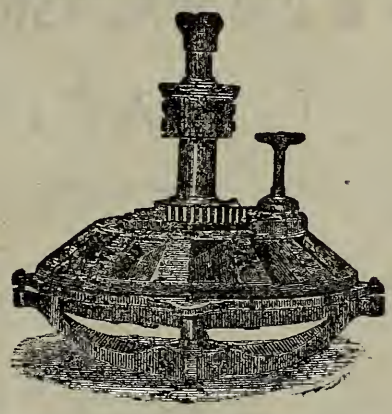
PAPER MACHINERY

Of all descriptions, including

CYLINDER AND FOURDRINIER MACHINES,

Beater Engines, Calendar Rolls, Stuff and Water Pumps, Rag Cutters, Paper Cutters, Shafting, Hangers, Pulleys, Gearing &c.

Geo. A. Houston's Patent



TURBINE WATER WHEEL,

For which we make the following claims for superiority over ALL OTHERS:

THE HIGHEST PERCENTAGE OF POWER, demonstrated in the Lowell and Holyoke tests, and in practical working whenever placed in competition with other wheels.

THE HIGHEST AVERAGE RESULTS EVER OBTAINED. (See Fourth Annual Report of Turbine Tests by James Emerson).

GREAT STRENGTH AND DURABILITY, Never having had a Wheel or Case broken in use.

EXTREME SIMPLICITY, the Wheel and Case each being cast in one piece, and its whole construction such that it has no parts liable to get out of order.

ECONOMY, both in price and use of water, its large capacity making it equal in power to wheels one size larger of most manufacturers with a much greater difference in many instances.

We will very cheerfully furnish Mr. Emerson's reports to all applicants, being entirely satisfied to have parties in want of wheels base their verdict as to our merits upon the FACTS.

These reports are MR. EMERSON'S, and are not garbled to suit any particular case, but give all the figures of all wheels tested.

Send for our circular and price list.

MERRILL & HOUSTON IRON WORKS,
BELOIT, WISCONSIN.

CLASS B.

W. F. MAYHON & CO.,

IMPORTERS AND WHOLESALE DEALERS IN

MILLINERY

—AND—

Straw AND Fancy Dry Goods

274, 276 & 278 WABASH AVENUE,

CHICAGO.

T. S. CONSTANTINE,

MANUFACTURER & DEALER IN

VENEERS,

and all kinds of

FOREIGN AND DOMESTIC

HARD WOOD LUMBER.

Mahogany Counter Tops, Florida Red Cedar, French Walnut,

Hungarian Ash, Walnut and Ash Burls, Blister, Mottle and Striped Walnut, Mahogany and Walnut Crotches, Birds Eye and Curly Maple,

ROSEWOOD, WHITE HOLLY, Ebony, Tulip Wood, LIGNUMVITAE, &c., all in Logs, Boards and Veneers.

No. 17 SOUTH JEFFERSON STREET.

N. B.—The highest price paid for figured logs.

CLASS B.

D. B. FISK & CO.

IMPORTERS,

Manufacturers and Wholesale Dealers in

Millinery and Straw Goods

LADIES' FURNISHING FANCY GOODS

AND TRIMMINGS.

COR. WABASH AVE. AND WASHINGTON ST.

———o———

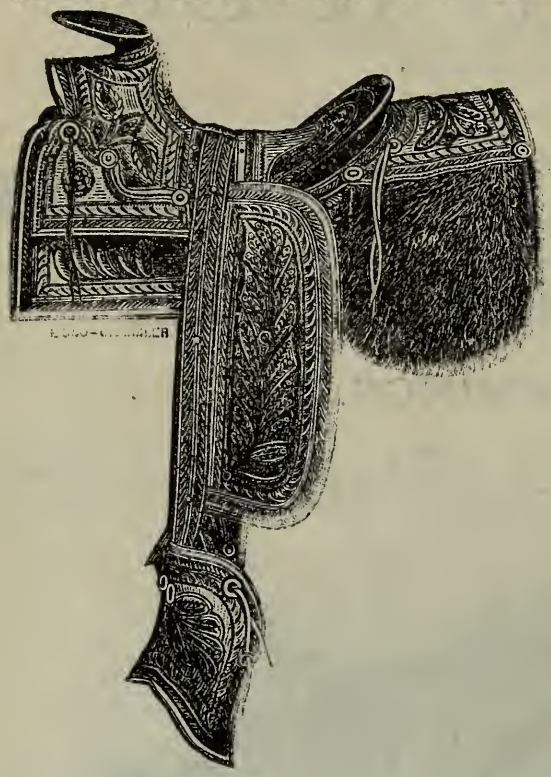
Visitors to the Exposition are invited to an examination of our Establishment, being the

LARGEST AND BEST APPOINTED OF ANY IN THE WORLD.

ORTMAYER, LEWIS & CO.,

Wholesale Manufacturers of and Dealers in

SADDLES & HORSE COLLARS,



Riding Bridles, Halters, Gig Saddles, Coach Pads, Fly Nets and Covers, Summer and Winter Horse Clothing, Whips, Lashes, Brushes and Curry Combs.

ALSO A GENERAL ASSORTMENT OF

TURF GOODS.

Manufacturers of the

PATENT RUBBER-LINED COLLARS,

Which are Warranted to Heal

GALLED HORSES.

16 & 18 STATE STREET,

CHICAGO, ILL.

THE ORIGINAL

FEATHER STORE,

CHAS. EMMERICH,

287 and 289 East Madison Street, near the Bridge,

CHICAGO, ILL.

DEALERS and CONSUMERS will find now, as before, the largest and best selected Stock of FEATHERS and PILLOWS in the West.

MRS. WM. DEVOY,

DEALER IN

MILLINERY, STRAW GOODS, AND MILLINERS' MATERIALS.

188 South Clark St., bet. Monroe and Adams,

CHICAGO, ILL.

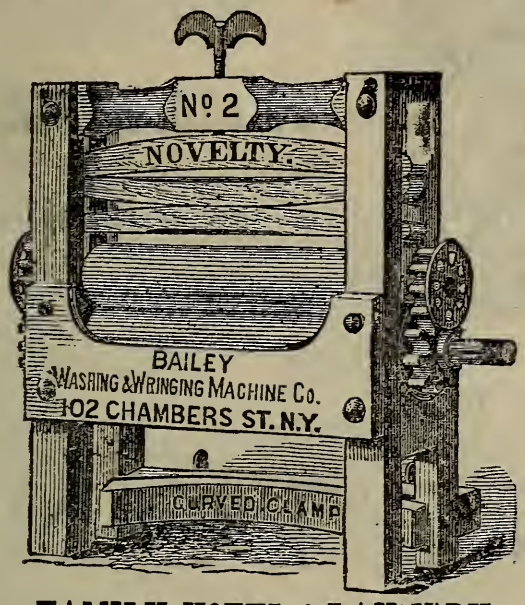
☞ ALSO AGENCY FOR Mme. DEMOREST'S RELIABLE PATTERNS.

Straw and Tuscan Hats Bleached and Pressed.

THE

NOVELTY

CLOTHES WRINGER



For FAMILY, HOTEL & LAUNDRY use

☞*Saves more than its cost every year in the saving of clothes alone.*

It wrings faster than by hand

Dryer than by hand, Better than by hand.

IT WILL WRING ANYTHING FROM A

HANDKERCHIEF TO A BEDQUILT.

IT WAS AWARDED THE

HIGHEST PREMIUM

by the AMERICAN INSTITUTE, N. Y., and a

GOLD MEDAL

by the GREAT NEW ENGLAND FAIR.

IT HAS NO EQUAL!

AND

"Should be in every Household."

The "Novelty" is Warranted Satisfactory

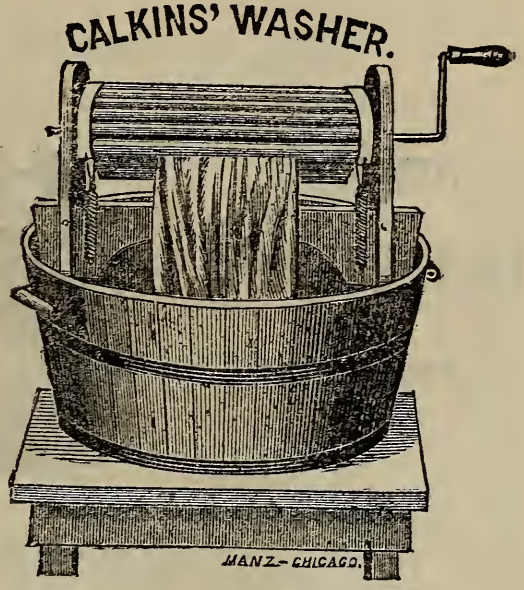
☞We keep in stock all the different sizes of this celebrated Wringer, and furnish them at manufacturers' prices.

CALKINS CHAMPION WASHER CO.,

191 & 193 S. Clark St.,

CHICAGO, ILL.

Dealers in Laundry Machinery of all Kinds.



PRICE ONLY $7.50.

Washes Clean! Washes Fast! Washes Easy!

There has never been a Washing Machine invented, which has ***met with such general public favor*** as the

CALKIN'S

Champion Washer

☞OVER 35,000 IN ACTUAL USE☜

It possesses the advantage of

Portability,
Cheapness,
Durability,
and Simplicity.

☞FITS IN A COMMON TUB.☜

IT WILL WASH CLEAN

Both Wristbands and Cuffs as well as a 10lb. Blanket.

Manufactured solely and controled by the

Calkins' Champion Washer Company,

191 & 193 S. CLARK STREET,

CHICAGO.

SIMPLE,

LIGHT-RUNNING,

DURABLE.

ADAPTABLE

TO ALL KINDS

OF WORK.

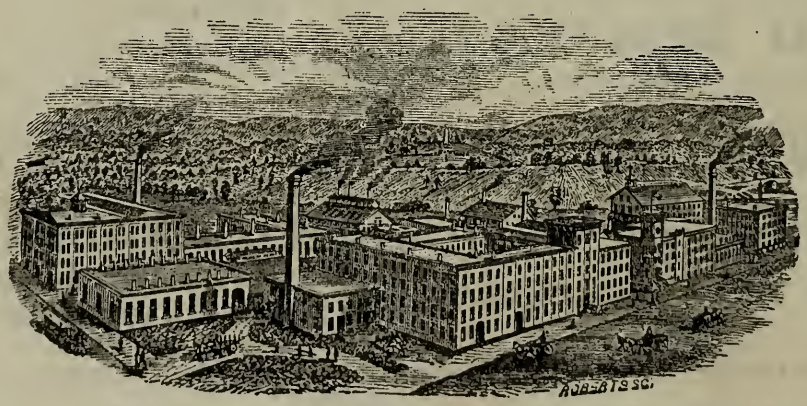
THE NEW

REMINGTON

FAMILY

SEWING MACHINE.

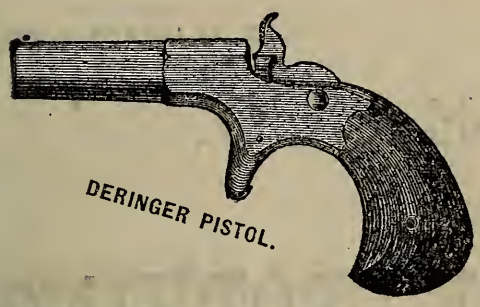
Has no Superior. It makes the Lock or Shuttle Stitch, which will not rip or ravel. It Hems, Tucks, Binds, Braids, Ruffles, Fells, Cords, Quilts, and Embroiders. It has no Cog Wheels, Rotary Cams or Levers, and is the Most Noiseless Shuttle Machine in existence.

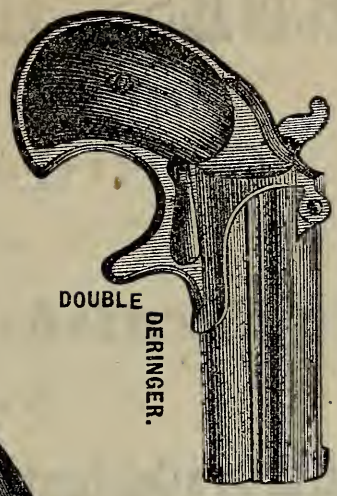


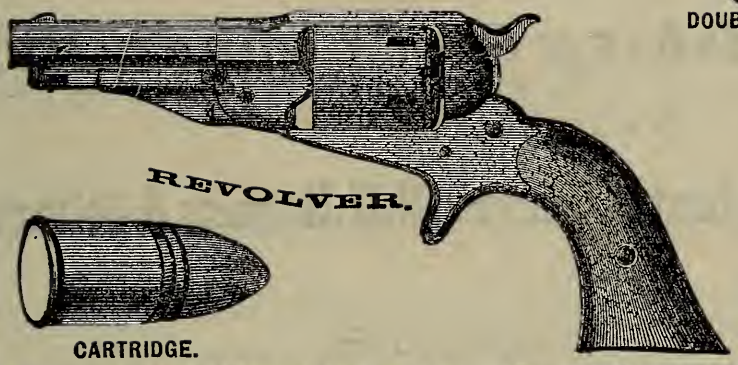
Remington Armory and Sewing Machine Works, Ilion, N. Y.

WAREROOMS:
281 BROADWAY,
NEW YORK.

Western Office:
285 STATE STREET,
CHICAGO, ILLS.







E. REMINGTON & SONS,

Manufacturers of

Military Breech-Loading Rifles, Carbines and Pistols,

HUNTING, SPORTING and TARGET RIFLES,

Shot Guns, REVOLVERS, Repeating - Pistols, Deringers, Cartridges, &c.

ARMORY AT ILION, N. Y. Warerooms, 285 Broadway, N. Y.

E. REMINGTON & SONS,

285 STATE STREET, CHICAGO, ILL.

Cut this out and send for Illustrated Catalogue.

DIAGRAMS OF TARGETS MADE WITH A REMINGTON RIFLE.

L. C. CHASE.
H. F. CHASE.
B. LANE.

BRANCH OF
L. C. CHASE & CO.,
BOSTON.

L. C. CHASE & CO.,

MANUFACTURERS OF

HARNESS, HORSE CLOTHING

AND

CARRIAGE ROBES,

AND DEALERS IN

Horse Furnishing Goods Generally.

AGENTS FOR

J. R. Hill & Co's Celebrated Concord, N. H. Harness & Collars

AND

STOWELL'S

Patent Breast Collar Irons for Light Double Harness.

STATE AND HARRISON STREETS,

CHICAGO.

OUR TURF DEPARTMENT IS COMPLETE IN EVERY RESPECT.

Having the largest and most complete assortment in the United States, thereby giving our customers a selection that is unequalled, we invite the public generally to an inspection. Determined to please, we offer goods that cannot be beaten in quality and price.

Respectfully,

L. C. CHASE & CO.

OFFICE OF

M. SELZ & CO.,

MANUFACTURERS OF

Hand Made Boots and Shoes,

219 & 221 MADISON STREET,

Corner Franklin,

Chicago, August, 1873.

We, the undersigned, desire to call the especial attention of the trade to our

HAND MADE BOOTS,

which are manufactured under contract with the ILLINOIS STATE PENITENTIARY, JOLIET, and under our immediate personal supervision.

THEY ARE MADE ENTIRELY BY HAND

and we warrant them EQUAL TO ANY IN THE MARKET, both as to quality of stock, and style and durability of manufacture. And owing to our CHEAP LABOR we are enabled to place these Boots upon the market

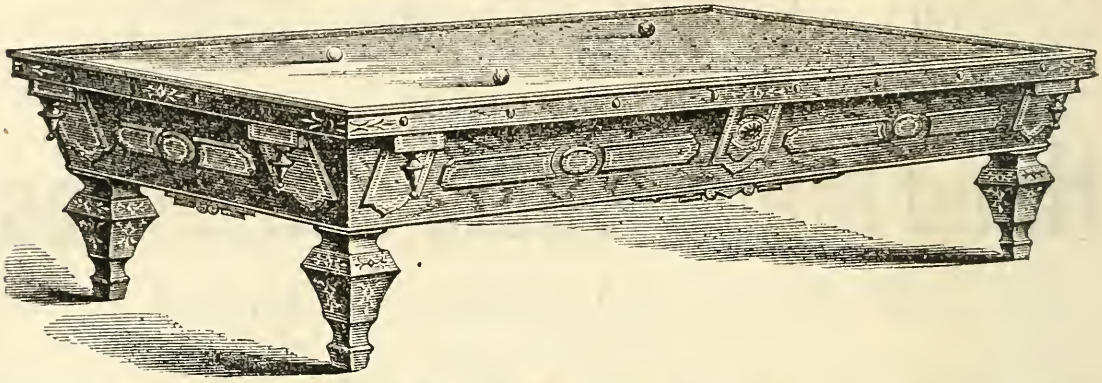
SEVERAL DOLLARS PER CASE CHEAPER

than any other manufacturer can.

Buyers will find it to their interest to give us a call before purchasing elsewhere.

M. SELZ & CO.

Chicago Billiard Table Manufactory.



STEPHANI, MONHEIMER & HART.

MANUFACTORY AND WAREROOMS,

Nos. 191 and 193 Randolph Street, Cor. 5th Avenue,

CHICAGO, ILL.

Sole Manufacturers in the North-West of the

Phelan & Collender Standard American Billiard Tables.

CAHN, WAMPOLD & CO.

MANUFACTURERS OF

CLOTHING

AND JOBBERS OF

FOREIGN & DOMESTIC WOOLENS,

60 and 62 Wabash Avenue, Cor. Randolph St. **CHICAGO.**

THE LARGEST PAPER COLLAR WAREHOUSE IN THE WEST.

C. A. CRELL,

78 and 80 State Street, CHICAGO, ILL.

KEYSTONE COLLARS,

Bemis Patent Shape Collars, Cuffs and Bosoms.

WHOLESALE DEALER IN FINE JEWELRY.

Manufacturer of Gentlemen's Fine Neck-Wear.

F. & E. JAEGER,

73 Wabash Ave., near Randolph St.,

The only Direct Importers in Chicago

(OF)

CROCKERY,

China, Bohemian Glass,

PARIAN GOODS, LAVA WARES, LAMPS, ETC.

They keep the largest Stock in the West of the above Goods, as well as a General Stock of

Glassware, Lamp Goods,

TABLE CUTLERY AND SPOONS,

Waiters and Trays, Britannia Ware, Silver Plated Goods,

LOOKING GLASSES, ETC.

☞Country Merchants will do well to examine this stock before purchasing elsewhere, it being ***the largest Crockery House in the Western Country, and their Prices the Lowest*** in the City.

GIVE THEM A CALL AT

73 WABASH AVENUE,

CHICAGO, ILL.

JOHN J. McGRATH,

Nos. 174 and 176 State Street,

DECORATOR

IN ALL THE

MODERN AND CLASSIC STYLES.

IMPORTER AND MANUFACTURER OF

Paper Hangings, Decorations and Window Shades.

JOHN H. KLINE,

Manufacturer of all kinds of Carriages.

Carriages always on hand. Repairing and Painting done with care and on short notice.

154, 156, 158 and 160 Clinton St., Cor. Adams, CHICAGO.

All work manufactured from the best Second Growth New England Timber, and warranted in every particular. ☞Residence, 46 Adams Street.

PENNOYER SHAW & CO.

Manufacturers and Dealers in

FINE CARRIAGES,

325 and 327 Wabash Avenue,

Corner of Congress Street. CHICAGO.

Our Specialty is 3-4 and 7-8 Top and Open

WAGONS AND TROTTING SULKIES.

Stettauer & Brothers,

IMPORTERS and JOBBERS of

DRY-GOODS,

246 and 248 Madison St.,

CHICAGO.

DEAR SIR:

It would afford us much pleasure to show you through our Complete and Attractive Stock of Fall and Winter

Dress Goods, Germantown Goods,
Shawls, Notions,
Flannels, Domestics,
Woolens, White Goods,
Hosiery, Prints, and

LADIES' AND GENTLEMEN'S FURNISHING GOODS.

Our Stock is large and we can offer special inducements in every department. Soliciting an early call we remain,

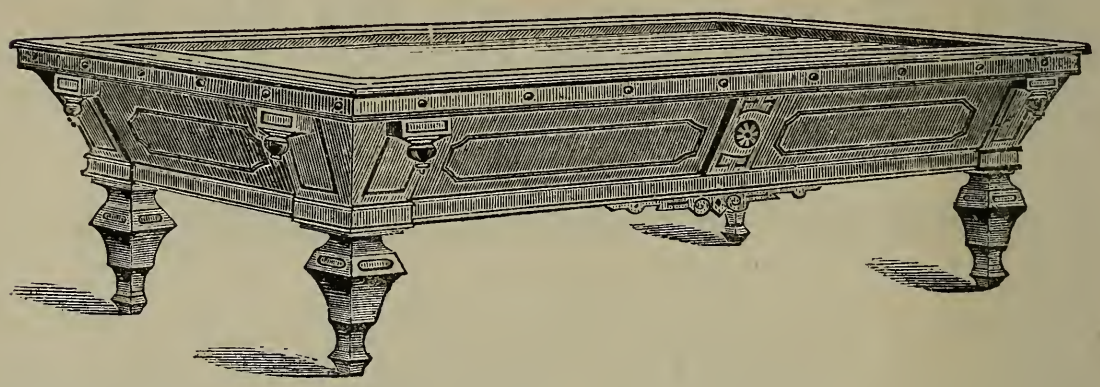
Yours truly,

STETTAUER & BROTHERS.

CLASS B.

ADOLPH ZELLER,

MANUFACTURER OF



Billiard Tables,

24 and 26 WEST WASHINGTON

—AND—

37 and 39 SOUTH CANAL STREETS,

CHICAGO.

SOLE MANUFACTURERS OF THE

MONITOR POOL TABLE.

S. L. HARRELL,

45 State Street, CHICAGO.

Commission Dealer in

Foreign and Domestic Saddlery

AND COACH HARDWARE,

And Wholesale Agent for

Olmsted & Jones,	Syracuse, N. Y.
Frazier & Burns,	Syracuse, N. Y.
W. J. Bentley,	Syracuse, N. Y.
H. Sauerbier & Sons,	Newark, N. J.
Wuesthoff, Wright & Kuehnhold,	Newark, N. J.
George Peters,	Newark, N. J.
John B. Kaas & Co.,	Newark, N. J.
Ziegler & Otto,	Newark, N. J.
A. Bauerman.	Newark, N. J.
Wm. M. Welling & Co.,	New York City.
Bohner & Hitchcock,	New York City.
Atha & Hughes,	New York City.
R. Allison,	New York City.
Grimsley & Co.,	St. Louis, Mo.
James Smith,	Chicago, Ill.
Wm. Morley,	Chicago, Ill.
Wilson Bros.,	Milton, Pa.
R. Dickson,	Lansingburg, N. Y.
F. T. Hawkins & Co.,	Akron, Ohio.
A. L. Bowman,	Akron, Ohio.
Vermont Hame Co.,	Springfield, Vt.
E. Austin & Co.,	Rochester, N. Y.
Lippincott, Coale & Riley,	Philadelphia, Pa.

H. H. Husted & Co.,

CLOTHIERS

—o(AND DEALERS IN)o—

GENTS' FURNISHING GOODS,

Nos. 180 and 182 Clark Street, Cor. Monroe St.,

Within One Block of the Old Post Office and One Block North of the New Government Building.

H. H. HUSTED.
WM. H. HUSTED.

CHICAGO.

G. F. Foster, Son & McFarren,

(Established July 1837, by G. F. Foster.)

JOBBERS IN

CORDAGE, TWINES, TACKLE BLOCKS, DUCK.

Manufacturers of Silk and Bunting FLAGS and BANNERS,

REGALIAS, TENTS, AWNINGS, PAULINS, WATER-PROOF COVERS, &c.

4 Market, cor. Lake and S. Water Sts., *CHICAGO.*

THE PROTECTION

Life Insurance Company,

OF CHICAGO.

THEIR MODE OF OPERATION.

CO-OPERATIVE INSURANCE.

The beneficent advantages of Life Insurance are now universally admitted, yet after its various plans have been in operation, under the management of the most skillful financiers of their day, for more than fifty years, it is estimated that less than *one-tenth* of the insurable population have availed themselves of its benefits on account of the great expense. To remedy this, and bring its advantages within the reach of all, by making the cost but a fraction of what has heretofore been charged, the Mutual Contribution Plan of Life Insurance has been instituted.

THE PROTECTION LIFE INSURANCE COMPANY,

organized under the laws of the States, which are rigid in their provision against unsound corporations, requiring a cash deposit of $100,000 for the security of policy-holders, has adopted a method, original with the Company, which is plain and simple in its operation, at the same time safe and just; by it the means are afforded of making provisions for the event of death at an expense so small as to be scarcely felt.

THE PLAN

is, in brief, an association of individual members for purposes of self insurance, in which, first, an expense fund is created by the payment of a fixed membership fee and annual due which provides for the *running expenses* of the Company; then upon the death of any member, all the members of the Association contribute toward the payment of the loss, an amount fixed upon the basis of the age of each at the time of joining the Association and the amount of policy held by him; thus accomplishing the result of policy-holders paying only a premium sufficient to cover the actual expenses and losses of the Company, or giving to each member his insurance at ACTUAL COST!

THE COST.

Any person, male or female, between the ages of fifteen and sixty-five years, who can pass the required medical examination, may obtain a policy in the Company, by paying the following

MEMBERSHIP FEE:

For a Policy limited to $2,500	$14 00
For a Policy limited to $5,000	20 00
Medical Examination	1 00

Annual dues will be required on each Policy as follows:

On a Policy limited to $2,500	$4 00
On a Policy limited to $5,000	5 00

Payable by the Policy-holders ONE YEAR from the date the Policy is issued.

ASSESSMENTS.

In case of death an assessment is made on the surviving members, according to the number of members and age at joining, viz:

Between the ages of 15 and 25	Not to exceed 75 Cents.
Between 26 and 40	Not to exceed $1 00.
Between 41 and 50	Not to exceed $1 20.
Between 51 and 55	Not to exceed $1 50.
Between 56 and 60	Not to exceed $2 00.
Between 61 and 65	Not to exceed $3 00.

These rates of assessments are based upon the average expectation of life according to the "actuaries'" table of mortality which has been generally adopted by American Companies.

The amount of each assessment will vary somewhat between certain ages, as indicated in the foregoing table, according to the relative number of old and young members in the Company at any given time, but the burden to be borne by old and young will always adjust itself equitably, according to this scale.

SHOULD ANY MEMBER FAIL TO PAY AN ASSESSMENT, IT WILL BE PAID BY THE COMPANY.

The cost of providing for a given amount may be calculated with the same certainty which characterizes all Life Insurance calculations—from the statistics of deaths in American Life Insurance Companies. The Report of the New York Insurance Department for 1869–70, gives the official returns of all the Life Insurance Companies doing business in that State, showing the average number of deaths to be about 35 in 5,000.

It is fair to presume that the probable average of deaths in this Company, for at least five years to come, will not exceed 20 in 5,000 for each year, and for ten years thereafter will not be more than 30 in 5,000, while it will never be likely to exceed 35 deaths per year in 5,000.

COST OF $5,000 POLICY.

Reckoning on the above basis, the yearly cost of a provision for $5,000 would be:

Annual dues	$ 5 00
Assessment for losses	35 00
Expenses of collecting	3 50
Total	$43 50

COST OF $2,500 POLICY.

Annual dues	$ 4 00
Assessments for losses	17 50
Expenses of collecting	1 75
Total	$23 25

The cost will be much less for the first few years, until the Company reaches its maximum rate of mortality.

These calculations are made on the average age of 25 to 40 years. Of course, the average expense for persons joining under 25 years of age would be less, and over 40 years more than estimates, as per table of assessments above.

Cost, as Compared with other Life Insurance Companies.

The average yearly cost of a policy for $5,000 in an ordinary Life Insurance Company, at the age of 40 years is	$156 50
On Mutual Contribution Plan	43 50
Annual Saving on the Mutual Contribution Plan	$113 00

THE SUCCESS

Of the PROTECTION is the most remarkable in the history of the business. It issues now over

1,000 Policies per Month,

AND OVER 14,000 POLICIES HAVE BEEN ISSUED.

As to the financial soundness of the Company we refer the following:

STATE OF ILLINOIS, BUREAU OF INSURANCE,
AUDITOR'S OFFICE.

WHEREAS, The Protection Life Insurance Company, located at Chicago, in the State of Illinois, has filed in this office a statement of the condition of its affairs as required by the laws of this State, showing that it is possessed of a paid-up capital of ONE HUNDRED AND FORTY-SIX THOUSAND AND FIVE HUNDRED DOLLARS ($146,500.00), invested as required by law.

THEREFORE, I, CHARLES E. LIPPINCOTT, Auditor of Public Accounts of the State of Illinois, do hereby certify that the said Protection Life Insurance Company is authorized to do its appropriate business of Life Insurance in this State in accordance with the laws thereof, until the first of March, A. D. 1874.

In testimony whereof I hereunto subscribe my name and affix the seal of my office at Springfield, this fourth day of March A. D. 1873.

C. E. LIPPINCOTT.

OFFICERS:

L. P. HILLIARD, President.
D. R. HARDER, Vice-President.
C. G. BREED, Treasurer.
MARTIN RYAN, Secretary.
J. C. LAMBRITE, Asst. Secretary.
DR. H. R. FOWLER, Medical Director.

EXECUTIVE COMMITTEE:

L. P. HILLIARD. C. H. FOWLER, D. D. C. G. BREED. ELI BATES. C. N. HOLDEN.

Home Office: 100 & 102 E. Madison St., Chicago, Ills.

ARE INVITED TO AN EXAMINATION OF ONE OF THE

FINEST ASSORTED STOCKS

—o(OF)o—

WATCHES

DIAMONDS,

Fine Jewelry, Silverware,

ETC., ETC., TO BE FOUND IN CHICAGO.

A. B. VAN COTT & CO.

124 STATE STREET.

Special Inducements to the Wholesale Cash Trade.

ESTABLISHED A. D. 1865.

REAL ESTATE OFFICE

OF

HENRY J. GOODRICH,

125 Dearborn Street, Chicago, Ill.

REAL ESTATE BOUGHT, SOLD & MANAGED.

Loans Negotiated on First-Class Securities.

WILDE, BLUETT & CO.

(Late EDWARDS, BLUETT & CO.)

Manufacturers and Dealers in Men's and Boys' Fine

CLOTHING

and Furnishing Goods.

CLOTHING MADE TO ORDER.

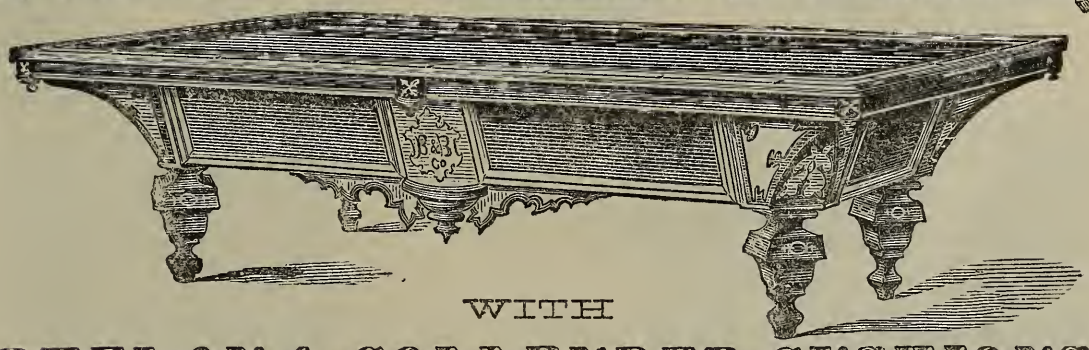
Northwest Corner State and Madison Sts., CHICAGO, ILLS.

The J. M. BRUNSWICK & BALKE CO.

SOLE MANUFACTURERS OF

THE J. M. BRUNSWICK & BALKE

Standard Billiard Tables,



WITH

PHELAN & COLLENDER CUSHIONS,

62 Lake Street, Northeast Corner State,

8 West Sixth Street, Cincinnati, Ohio. CHICAGO.

J. R. PALMENBERG'S
WIRE WORKS,

CHAS. J. JETTER, Manager,

200 and 202 E. Madison Street, CHICAGO.

466 & 468 Broome Street, New York.

Finely Polished Brass and Silver-Plated Stands, for Jewelry Stores.

NEWLY PATENTED SHOE STANDS and BRASS WINDOW FIXTURES.

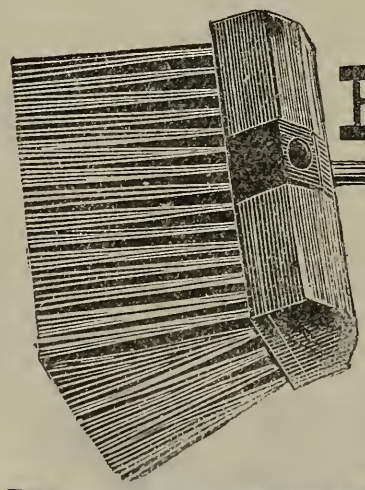
Papier Mache Busts and Figures.

WIRE FRAMES AND STANDS,

For Cloaks, Shawls, Corsets, Dresses, Caps, Coats, Vests and Pants, Umbrellas and Canes.

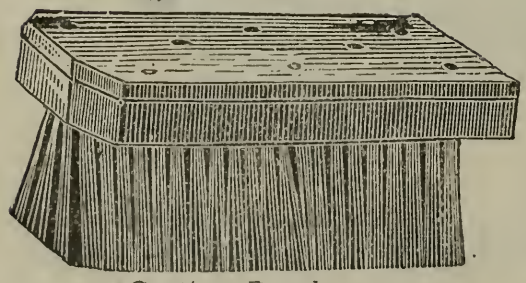
Phenix Steel-Wire

Broom & Brush Works

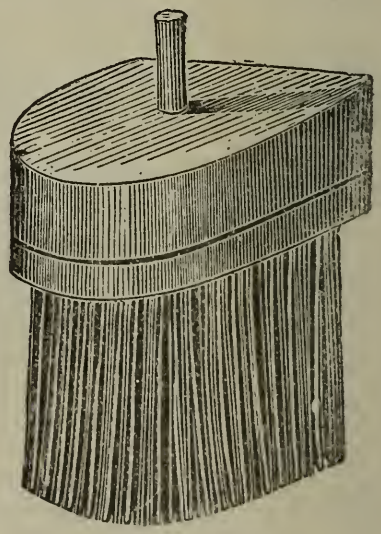


Steel Wire Broom.

Flue Brush.



Casting Brush.



Steel Snow Broom.

M. C. ISAACS & CO.,

47 & 49 Congress St., Chicago, Illinois.

DEPARTMENT C.

Minerals—Their Wrought, Cast, and Manufactured Products not Included in Department B.

Section 1.

Collections and Specimen of Ores and Raw Metals—Gold, Silver, Copper, Iron, Zinc, Tin, &c.

1 AMERICAN BUREAU OF MINES, Chicago, collection of Minerals.

2 ATCHISON, TOPEKA & SANTA FE R. R. CO., A. E. Touzlain, Agent, Atchison, Kas. Collection of Minerals.

3 BURLINGTON & MISSOURI R. R. CO., Geo. S. Harris, agent, Chicago, collection of Minerals.

4 COLORADO INDUSTRIAL ASSOCIATION, Denver, Col., Ore of Precious Metals.

5 IOWA R. R. LAND CO., John B. Calhoun, commissioner, Des Moines, Iowa, collection of Minerals. *(See adv't.)*

6 KANSAS PACIFIC R. R. CO., D. H. Elliott, agent, Chicago. Collection of Minerals.

7 NORTHERN PACIFIC R. R. CO. Collection of Minerals.

8 W. S. SEARLES, Waukegan, Ills., specimens of Ores of Precious Metals.

9 UNION PACIFIC R. R. CO., O. W. Herrick, agent, Chicago. Collection of Minerals.

Department C, Section 2.

Building and Paving Materials—Stone (natural and artificial), Marbles, Cement, Brick, Terra-Cotta, Tile, Slate, Coal, Gypsum, Salt, Petroleum, Asphaltum Mixtures, Roofing Material, &c., &c., &c.

61 BROWN BROTHERS, cor. Clinton and Jackson streets, Chicago, Side-walk Lights, Vault Lights, Floor Lights and Roof Lights and Vessels Deck Lights.

50 JOHN W. CARPENTER, 318 and 320 Wabash avenue, Chicago, Scotch Granite (ornamental.)

56 CHICAGO ARTIFICIAL STONE CO., 306 to 314 N. Market, Chicago, a collection of Artificial Building Stone. (*See adv't.*)

55 CHICAGO COMPOSITION GRANITE CO., 163 Washington st., Chicago, collection of Artificial Stone. (*See adv't.*)

52 CHICAGO TERRA-COTTA CO., 310 Wabash avenue, Chicago, full line of Terra-Cotta Works.

59 FREAR STONE MANF'G CO., W. E. Smith, superintendent, Frear Artificial Stone.

54 GEORGE A. FREAR, 199 Ellis avenue, Chicago, Artificial Marbles, Mantles, Monuments, Counters, Tyling, Furniture Tops, &c.

51 GOWAN MARBLE CO., office and ware-rooms 11 N. Clark street, E. L. Gowan, president, Mill and Dock, 146-152 N. Water st., Chicago, Mantels, Monuments and Statuary.

65 ALBERT W. M. HAAS, 49 N. Clark street, Chicago, Model of Brick Kiln. (Patent.)

63 EDWIN ROBERT HALL & F. A. DOOLITTLE, 165 E. Washington street, Chicago, a building composed of Hollow tiles, interior will be filled with models and samples of material.

58 JOS. M. HIRSH, 43 and 45 State street, Chicago, Artificial Marble, Fire Proof Paper.

62 R. L. LUNDY & SON, cor. Butler and Thirty-second sts., Chicago, Fire and Stove Brick.

53 NORTHWESTERN MARBLE & GRANITE CO., 147-151 Jefferson, near Adams st., Chicago, Marble Monuments, Tomb Stones, Statuary, &c.

57 SCHUREMANN & HAND MANTLE CO., cor. Michigan ave. and VanBuren st., Chicago, two Marble Mantles and Grates, &c., also two pieces of Statuary.

60 F. W. SMITH & CO., 941 Wabash avenue, Chicago, Marble Mantles, Tiling, &c.

66 SAMUEL SMITH, Mattoon, Ills., Smith's Fire Proof Roof.

64 SMITH, CLEMENT & CO., 119 Dearborn st., Chicago, Challenge Fire and Water Proof Roofing for Buildings and Cars.

67 JOHN STOCKINGER, 112 Bushnell st., Chicago, Flower Vase in Marble, also a Headstone and Clock in Marble.

Department C, Section 3.

WROUGHT AND CAST WORK FROM THE USEFUL METALS—PRINTING AND CARD PRESSES, BUILDERS' HARDWARE, EDGE-TOOLS FOR CARPENTERS, JOINERS, COOPERS, &C., SAFES, LOCKS, SCALES, BELLS, COPPER, BRASS, AND TIN WARES, STOVES, FURNACES, WIRE-WORK, ORNAMENTAL CASTINGS, FENCES, GATES, &C.

147 H. A. ADAMS & CO., 6 S. Clark street, Chicago, Stamps, Brands, Check Perforators, Seals, Rubber Printing Wheels, Engraving Goods, &c.

118 AMERICAN SHEET AND BOILER PLATE CO., 99 and 101 Water street, Cleveland, Ohio, Boiler Plate Iron, Boiler Plate Steel, &c., Galvanized Sheet Iron, Bar Iron, Corrugated Iron, and Metallic Tiles.

182 H. W. AUSTIN & CO., 221 and 223 South Water street, Chicago, a general variety of Pumps, about fifty different kinds, Corn Shellers, Cider Mills, and Church Bells. (*See adv't.*)

123 BALLARD, FAST & CO., 66 E. Lake street, Chicago, Circular, Cross-Cut and Mill Saws, Carriage and Wagon Seat Springs, Mowing and Reaping Machine Knives, &c. (*See adv't.*)

92 BANGS BROS., cor. State and Van Buren sts., Chicago, Barstows Stoves, Ranges and Furnaces, Richmond Palace Range, Chilson & Arlington Ranges, Harris Furnaces, Spears Anti Clinker Parlor Stove, Registers, Ventilators and House Furnishing Goods. (*See adv't.*)

149 BARKER & JACKSON, 115 and 117 Eighteenth street, Chicago, "Champion Radiating Heater."

131 J. S. BASSETT & CO., 113 Clark st., Chicago, Crystal Chandeliers and Gas Fixtures.

109 L. A. BEEBE & CO., 741 N. Wells st., Chicago, "Beebe's Double Radiating Wrought Iron Furnaces."

80 E. W. BLATCHFORD & CO., cor. Clinton and Fulton sts., Chicago, Linseed Oil, Bar Lead, Sheet Lead, Lead Pipe, &c. (*See adv't.*)

79 BLISS & BROWN, 82 Lake street, Chicago, Boyington's Furnaces, Ranges and Stoves, Tuttle & Bailey's M'f'g Co's Registers, Ventilators, &c. (*See adv't.*)

154 W. R. BOERNER, 310 W. Randolph street, Chicago, Wire Work.

176 BRAYTON, KING & CO., cor. Michigan ave. and Madison street, Cnicago, The Goodenough Horse Shoe of different sizes. (*See adv't.*)

124 BRINTNALL, TERRY & BELDEN, 175 and 177 Lake st., Chicago, Hardware.

184 BROOKS & BAKER, Columbus, O., W. G. Baker, Ag't, Room 24, 143 Monroe street, Chicago, Enameled and Plain Hollow Ware Castings.

100 BURDETT, SMITH & CO., 538 S. Clark st., Chicago, Soft Coal Base Burner, &c. (*See adv't.*)

180 CHAMPLIN & ROGERS, 155 Fifth ave., Chicago, Machinists, Gas and Steam Fitters, Tools of every variety, Machine Bits of all sizes, Checks, Wrenches, Vises of every variety, Morse Twist Drills; Darling, Brown & Sharpe's U. S. Standard Rules and Machinists' Tools; Steel and Iron Set Screws of every variety and length; Stephen's Pat. Parallel Vise with attachment; Union Bitt Clasps; LeCounts Pat. Iron and Steel Clamps; Lathe Dogs, Tanite Emery Wheels, Emery Grinders, Diamond Tools, &c. (*See adv't.*)

112 CHICAGO IRON AND STEEL CO., 182 Dearborn st., Chicago, Cast Steel and Cast Steel Tools.

111 CHICAGO PLATE AND BAR MILL CO., J. M. Ayer, Pres., Plates and Sheet Iron.

72 CHICAGO SCALE CO., 68 and 70 Monroe street, Chicago, Hay and Stock Scale.

81 CHICAGO SHOT TOWER CO., cor. Clinton and Fulton streets, Chicago, Improved Finished Shot of all sizes. (*See adv't.*)

89 CHICAGO STOVE WORKS, 22d street and Blue Island avenue, Chicago, Stoves, Heating, Cooking and Hollow Ware. (*See adv't.*)

97 MERWIN CHURCH, 300 and 302 State street, Chicago, a complete Kitchen outfit, Barstow's Patent Sample Cook, Barstow's Union Range and Carbon Furnace.

143 CLARKE, ABBOTT & CO., 144 E. Lake street, Chicago, Railroad and Machinist's Hardware. (*See adv't.*)

155 CLINTON WIRE CLOTH CO., Clinton, Mass., branch office 175 Randolph st., Chicago, H. H. Waters, agent. Wrought Iron Summer House, 10ft. in diameter and 18ft. high, Hexgonal Shape, Wire Cloth and an assortment of Wire Goods.

85 COLLINS & BURGIE, Clinton and Congress streets, Chicago, Stoves. (*See adv't.*)

179 CONTINENTAL BOLT MANUFACTURING CO., works, cor. Market and Huron sts., Chicago, Bolts and Bolt Work, Hydrants and Stop Cocks for water mains. (*See adv't.*)

120 G. B. CORNELL, 313 W. Randolph street, Chicago, Malleable Iron Bushing for Barrels, Wrench for same.

78 D. S. COVERT, 57 State st., Chicago, Diebold & Kienzle's Safes, Vault-Doors, &c.

127 H. B. CRAGIN & CO., 107 and 109 Lake st., Chicago, House Furnishing Goods.

110 W. G. CREAMER & SON, 1 LaSalle st., Chicago, Hot Air and Ventilating Registers.

174 H. CRIBBEN, 157 East Kinzie st., Chicago, Cooking and Parlor Stoves and Ground Hollow Ware. (*See adv't.*)

137 DANE, WESTLAKE & COVERT, 223 Lake street, Chicago, Car Lamps and Lanterns, Stove Boards, Brass and German-Silver Railroad Lamps.

178 HENRY DISSTON & SONS, Philadelphia, branch house cor. Market and Randolph sts., Chicago. A full assortment of Saws of every description, Wood-Saw frames, Circular Saws, Mandrels, Saw Gummers, Saw Files, Handles for Cross-Cut Saws, Chair Webs, Cane Knives, Corn Knives, Mincing Cleavers, Moulding Bits, Currier Blades, Cabinet Scrapers, Saw Knives, Reversable Back Saws, Plumb and Levels, Level Glasses, Double reversed joint bolts, Concealed Door Springs, Slaw Cutters and Crout Cutters all of our own manufacture. (*See adv't.*)

165 WILLIAM DOLAN & CO., Lyons, Iowa, Patent Kerosene Oil Cans.

156 W. & B. DOUGLAS, Middleton, Conn, and 197 Lake st., Chicago, Pumps, Garden Engines, Hydraulic Rams, Grind-Stone Frames, &c. (*See adv't.*)

73 FAIRBANKS, MORSE & CO., 111 and 113 Lake st., Chicago, Fairbanks Standard Scales, among which are Warehouse, Store, Platform and Counter Scales, also, fine gold Bankers,' Jewelers' and Prescription Scales, also, Coffee Mills, Tea Caddies, &c., &c. (*See adv't.*)

166 C. FLAMMER, 45 W. Adams st., Chicago, Plain and Ornamental Japanned Ware, Tea, Coffee and Spice Caddies. (*See adv't.*)

90 FULLER, WARREN & CO., 58 and 60 Lake st., Chicago, Stoves, Ranges, Heaters, &c. (*See adv't., under cut of Ground Plan.*)

71 A. M. GILBERT & CO., 38 State street, Chicago, Scales, Coffee Mills, &c.

181 GOBLE & CO., 14 State street, Chicago, agents Cowing & Co., Seneca Falls, N. Y. Pumps and Rams.

159 GOULD BROS. & DIBBLEE, office and salesroom 149 and 151 State street, Chicago, Fountains, Vases, Statuary, Settees, Chairs, Deers, Dogs, Lions, Croquette, Tents, Lawn Mowers and Sprinklers, Iron Railways and Castings of every variety, Wire Work, Flower Stands, Hanging Baskets, Trellises, Tree Guards, Wire Railings for offices, windows and doors, Guards Galvanized, Wire Railings for fencing, Iron Stable Fixtures, Hay Racks, Blanket Brackets, Cow Troughs, Box Stall Fixtures, Iron Furniture, Bedsteads, Hobrocks, Umbrella Stands, &c. Copper Weather Vanes, Perfect Models of Dexter, Kate Fisher, Ethan Allen, Goldsmith Maid, Emblematic signs for all words and professions.

102 BEN. E GIVAUDAN & TRESTED, Jr., 349 State street, Chicago, Improved Family French Range and Boiler, Hotel Range and Boiler, and Copper Ware. (*See adv't.*)

77 HALL'S SAFE AND LOCK CO., Cincinnati, and 147 and 149 Dearborn street, Chicago, Hall's Patent Fire-Proof Safes, &., Combination Bank Locks, Vault Fronts, &c.

173 C. H. HANSON, 38 S. Clark street, Chicago, Stencil Work, &c.

75 S. H. HARRIS, 23 and 25 E. Randolph street, Chicago, Safes, Vault Doors, and Record Cases.

99 S. J. HERON, 36 State street, Chicago, Springfield Gas Machine, J. Van's Ranges and Boilers, Carving Tables, Coffee Urns, &c.

136 HITCHCOCK & WALKER, 128 Michigan st., Chicago, Church and other Bells. (*See adv't.*)

122 W. H. HOWELL, Geneva, Ills., Sad and Fluting Irons and Pumps.

164 W. M. HOYT & CO., cor. River st. and Michigan ave., Chicago. Patent Revolution Canister.

126 EDWIN HUNT & SON, 58 & 60 Lake street, Chicago, Silver's Patent Meat Choppers and Stuffers, for Butchers use; Wood's Ice Tools; Union M'f'g Co's samples of Bronze, Nickle Plated, Enameled, Japanned and other Butts; Russell & Erwin's Bronze Hardware; Hunt's Edge Tools and general Hardware. (*See adv't.*)

150 ILLINOIS IRON AND BOLT CO., Carpenterville, Kane Co., Ill., Copying Presses, Iron Pumps, Garden Vases, &c.

129 IRON CLAD CAN CO., 143 and 145 Lake street, Chicago, Milk Cans, Implements and Material for Dairies.

152 CHAS. J. JETTER, Manager J. R. Palmenberg's Wire Works, 200 and 202 Madison street, Chicago, New Busts, imported from Paris, for Tailors and Dress Makers, Papier Mache Busts and Figures, Wire Frames and Stands for clocks, shawls, corsets, dresses, coats, vests and pants, umbrellas and canes, branches for hats, bonnets and milliner's goods, Bird Cages, Polished Brass and Silver Plated Stands for Jewelry Stores, Shoe Stands, and Brass Window Fixtures. (*See adv't.*)

88 JEWETT & ROOT, Foundry at Buffalo, N. Y., branch office and warehouse, 30 River street, Chicago, The Diamond Stove all sizes and kinds; The Emerald, Galaxy, Falcon, Grand Union, Extension, New Echo, Hawkeye, Chancellor, New Portable Range, together with others of their assortment all of their own manufacture. (*See adv't.*)

116 JOLIET IRON AND STEEL CO., A. B. Meeker, Pres., 94 Washington street, Chicago, Iron and Steel in the different processes of manufacture. (*See adv't.*)

148 KENOSHA HARDWARE CO., Kenosha, Wis., Castings, Florist's Goods, Brackets, Iron Vases, Plant Stands, &c.

113 KIMBARK, BROS. & CO., 80 and 84 Michigan ave., Chicago, Carriage Springs and Axles, Carriage Hardware, Carriage and Wagon Wood Material, Railroad Tools, Blacksmith's Tools, Carriage and Wagon Makers Tools. (*See adv't.*)

183 KIRK & BARKER, 196 and 198 Lake street, Chicago, Heavy Hardware, Wheels, Spokes, Hoop Iron, &c. (*See adv't.*)

170 GUSTAV KOCH, 73 Dearborn street, Chicago, Burning Brands, Stencils, Dies, Seals, &c.

158 A. E. LEAVENWORTH, 102 Randolph street, Chicago, Empire Furnace, Empire Gas Burner, Parlor Stove, Peerless Range and Vindicator, Cook Stove. (*See adv't.*)

98 M. W. & F. LESTER, 304 State street, Chicago, Furnaces, Hotel Range and Boiler, Coffee, Tea and Water Urns, and Copper Hotel Furniture, Family Range, Cooking and Heating Stoves. (*See adv't.*)

151 H. LISSBERGER & CO., cor. Clinton and Jackson sts., Chicago, Lead Pipe, Sheet Lead and Metals.

132 HENRY LUDWIG, 157 E. Kinzie street, Chicago, Tin Plates and Hardware, &c.

96 JOHN D. MACLEAN & CO., 335 State Street, agents for Sweet, Quimley & Perry, Troy, N. Y., New Empire Cook and Parlor Stove, Empire Range, and Burte's Furnace. (*See adv't.*)

135 MAC COUN & CO., 538 Clark street, Chicago, Church, Fire, School, Farm, Steamboat and Locomotive Bells.

160 MAXON'S WASH-BOILER CO., 228 Lake street, Chicago, (care of Geo. G. Strathern,) Washing Machine.

153 GEORGE MITCHELL, 39 Canal street, Chicago, Wire Goods, Flower Stands, &c.

94 ROBERT B. MITCHELL, 33 S. Water st., Chicago, Kerosene or Gas Cooking Stoves and Kerosene Stoves and Boilers.

74 MORTON HULL & CO., 63 Lake street, Chicago, agents for Victor Scale Co., Moline, Ills., Track and Hay Scales, &c. (*See adv't.*)

134 S. B. MUNSON, JR. & CO., 27 N. Canal st., Chicago, Corrugated Iron House, showing Corrugated Iron Doors, Shutters, Roofing, Siding, Shingles, Stove Pipe Elbows, &c.

115 NES. SILICAN STEEL CO., 182 Dearborn street, Chicago, Nes. Silican Steel Rails.

117 NORTH CHICAGO ROLLING MILL CO., cor. Randolph and LaSalle sts., Chicago, Iron Bars Pig Metal, Steel Ingots, Steel Rails, Iron Rails, Muck Bar, Bar Iron, Boiler Plate, Steel, Iron, Silver Ores, &c. (*See adv't.*)

119 NORTHWESTERN HORSE NAIL CO:, 68 W. VanBuren street, Chicago, Horse Nails.

163 NORTON BROTHERS, 10 State street, Chicago, Grocer's Tea and Coffee Caddies, Japanned Revolving Caddies, line of fine Cans and Pails for the Paint Trade, samples of Tin and Japanned Ware.

133 PARKHURST & WILKINSON, 171 and 173 S. Canal st., Chicago, Wagon and Carriage Hardware, Sweet's Cast Steel Goods, Good Blacksmith Tools, &c. (*See adv't.*)

108 SAMUEL I. POPE & CO., 87 and 89 Lake st., Chicago, Heaters, Coils and Radiators. (*See adv't.*)

114 PROVIDENCE TOOL CO., S. H. & E. T. Moore, agents, 68 Lake st., Chicago, samples of heavy Hardware and Ship Chandlery of their manufacture. (*See adv't.*)

87 S. H. RANSOM & CO., 6 and 8 River street, Chicago, the Modern, Vulcan, Vanguard, Unit, Hospitality, Good Will, Majestic, New Consul Cook Stoves, Regent and Victory Parlor Cook Stoves, Light House, Woodland and Wildwood Heating Stoves, together with other samples of their manufacture. (*See adv't.*)

83 RATHBONE, SARD & CO., Albany, Detroit, 38 and 40 Lake st., Chicago, No. 9 Fearless, with low copper reservoir and cast closet for bituminous coal, No. 8 Fearless plain top for bituminous coal, our No. 8 Fearless with low copper reservoir and cast closets with anti-clinker grate and illuminated mica front. No. 9 Fearless with low copper reservoir and cast closet for wood. No. 9 Fearless plain top with cast water front. No. 7 Rathbone Range for hard coal, soft coal or wood, a No. 8 Rathbone ditto. No. 7 Rathbone Range with hot closet and water back, a No. 8 ditto. No. 10 Hotel Fearless, with reservoir and closet. No. 824 Acorn Cook, plain top. for wood. No. 926 Acorn Cook, with low copper reservoir and closet. No. 8 Pacific, plain top for coal. No. 9 Prairie, with low reservoir for coal or wood. No. 8 Loyal Cook, plain top, for wood, a No. 9

Loyal Cook, with low copper reservoir and closet. No. 12, 14 and 16 Brilliant, anti-clinker, reversible flue, double bottom, reversible flue base burner for hard coal; No. 5 Brilliant, oval; No. 20 Hickory, for wood; No. 24 Hickory, for wood; No. 2 Acorn, for wood, base heater; No. 3 Acorn, for wood, base heater; No. 24 Camelia, for wood, base heater; No. 19 Swiss Cottage Parlor, for wood; No. 22 Swiss Parlor, for coal; No. 25 Swiss Parlor Cook, for coal; No. 14 Monitor, hot base, coal burner; No. 7 Templar, coal burner; No. 15 Gen. Franklin, for coal or wood; No. 12 Aurora, self-feeder for coal; No. 22 New Iris, for coal; No. 25 New Iris, for wood; Hollow Ware, Pots, Kettles, Spiders, Tea Kettles and Scotch Bowls. *(See adv't.)*

169 ABRAHAM REESE, Pittsburg, Pa., address Reese and Bissell, A Stove for Railroad Cars.

144 C. E. ROBERTS & CO., 7 and 9 South Jefferson street, Chicago, Screws of all kinds. *(See adv't.)*

175 ROGERS & CO., 144 Market st., Chicago, Sections of Wrought Iron Pipe, Beams, Girders, Channel Tee Axle Irons.

146 RUSSELL & ERWIN MANUFACTURING CO., New Britain, Conn. Bronze and other Door Trimmings.

76 SARGENT, GREENLEAF & BROOKS, 25 Randolph st., Chicago, The Patent Adjustable Elbow of Iron, Tin and Zinc, for Stoves, Furnaces, Conductors and other pipes. Combinations and Key Locks.

77 GEO. M. SCOTT, 22nd and Johnson st., Chicago, Blacksmiths' Bellows.

125 SEEBERGER & BREAKEY, 38 and 40 Lake st., Chicago, Shelf Hardware, Mechanics', Farming and Tinners' Tools, Builders' Hardware, Cutlery, House Furnishing Goods, &c.

82 SILVER & DEMING, Salem, Ohio, Silver's Hub Boxing, Dole's Hub Boxing Machines, Blacksmiths' Drills, Meat Choppers and Stuffers, &c.

162 SINCLAIR BROTHERS, 366 State st., Chicago, Griffith's Patent Archimedian Ventilators and Smoke Conductors, sure cure for Smoking Chimneys. Exclusive agents for the North-west.

159 EDWARD SMEETH, 125 W. Randolph st., Chicago, Model of Alcohol Machine, Brass Castings, Milk Cans, Tin Elevators, Copper Boilers, &c.

139 N. W. SPALDING & BRO., 20 South Canal St., Chicago, Inserted Tooth Circular Saws.

107 D. B. SPERRY & CO., Batavia, Ills., Boilers, Sugar Kettles, Cauldrons, Hollow Ware, &c.

121 FRANK STURGES & CO., Manufacturers, 72 and 76 Lake street, Chicago, Tinned Iron Ware for kitchen furnishing, Stamped or Pressed Tin Ware for kitchen furnishing, Japanned Tin Ware for house and kitchen furnishing, Japanned Tin and Iron Ware for spice dealers, grocers, &c., Tin Cans and Boxes for paints, oils, spices, &c., &c. Trimmings of Tin, Iron and Copper for Tinners' use. *(See adv't.)*

167 EDWARD SUTTON, 29 Jenkins st., Providence, R. I., Tingley's Automatic Heat Governor and Heating House. Implement combining, 14 Tools in one.

103 THE GOODENOUGH HORSE SHOE CO., 121 Michigan avenue, Chicago, Goodenough Horse Shoe. (*See adv't.*)

93 JAMES H. THORP, 85 E. Washington street, Chicago, Burglar Alarm, Stationary and Portable Kerosene Cooking and Laundry Stoves, Wagon Wheel.

86 TIBBALS, SHIRK & WHITEHEAD, 141 and 143 Lake street, Chicago, Argand Base Burner, American Base Burner, New Head Light Base Burner, Continental Base Burner, American Cook, American Heater, and American Hotel Stoves.

172 JOEL TIFFANY & OTHERS, Chicago, Refrigerating and Dessicating Process.

91 TILLOTSON BROS. & CO., 272 and 274 State street, Chicago, Magee's celebrated Portable Range, Advance and Standard Cook Stoves, Standard Parlor Stove, Round Illuminator, Champion, Dining Room Heater, Treadwell Stove Co's Franklin Illuminator for hard coal and other varieties of stoves. (*See adv't.*)

95 H. C. VANSCHAACK, 50 State st., Chicago, Stoves, Ranges, Furnaces, &c.

161 J. J. WADE, 95 S. Desplaines st., Chicago, Gas Fixtures, Plumber's Ware, &c. (*See adv't.*)

171 THOMAS X. WALSH, 4 S. Clark street, Chicago, Stencils, Seals, Bank Stamps, &c.

130 WARREN BROTHERS, 447 State street, Chicago, Warren Bros. Patent Metal Center Piece for Ceilings.

106 HORACE WARREN, 1411 Prairie ave., Chicago, Cushing Heaters.

128 J. L. WAYNE & SON, 74 and 76 Randolph st., Chicago, Hardware, Cutlery, and Undertakers' Goods.

168 W. W. WILCOX, 148 West Van Buren street, Chicago, Railroad and Hotel Baggage Checks, Restaurant and Key Checks, Badges, Show Case and Carriage Plates, &c., of his manufacture.

145 WILKINS & MARCELLUS, Rockford, Ill., Carriage, Plow and Machine Bolts.

84 STEPHEN WILKS, 143 State street, Chicago, Hotel and Car Ranges, Boilers, Steamers, Kitchen utensils, &c.

101 H. W. WILLIAMS, Grinnell, Iowa, The Self-Washer and Stove.

141 WILSON & EVENDEN, 46 and 48 W. Lake street, Chicago, Oil Cans and Tank.

105 A. L. WINNE & CO., 57 and 59 Wells street, Chicago, Perfected Steam Heating Apparatus for Dwellings and Public Buildings, Steam Heating Coils with ornamental Screen and Slab, ornamental Cast Iron Radiator for direct Radiation, Cast Iron Radiator (Gold Pat.) for Indirect Radiation, ornamental Pipe Coil, improved Furnace Grate, improved Cast Iron Boiler for low pressure steam.

142 L. WOLFF, 109 and 111 W. Lake street, Chicago, Copper and Brass Work, and Plumbers' Material.

N. B.—Names of exhibitors in this department not entered above, will be found in the appendix.

CLASS C.

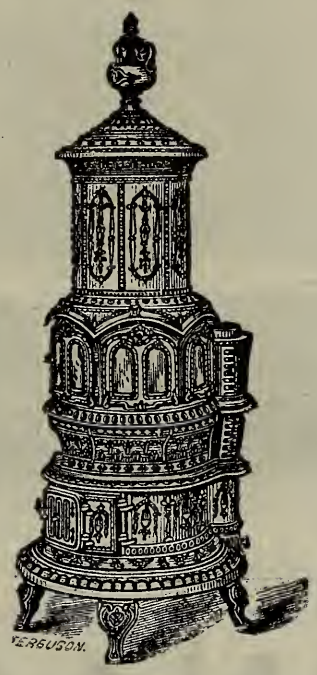
THE

LIGHT HOUSE!

OF 1872.

DOUBLE BOTTOM, DIVING FLUE

Base Burning Heating Stove,



MANUFACTURED BY

S. H. RANSOM & CO.,

ALBANY, N. Y.,

And Nos. 10, 12, 14 and 16 RIVER STREET,

CHICAGO, ILL.

See samples of this and other justly celebrated Stoves of our manufacture on exhibition, and get Descriptive Circulars.

BANGS BROS.

MANUFACTURERS AND DEALERS IN

STOVES, RANGES

SPECIAL ATTENTION

Given to the erection of

Ranges

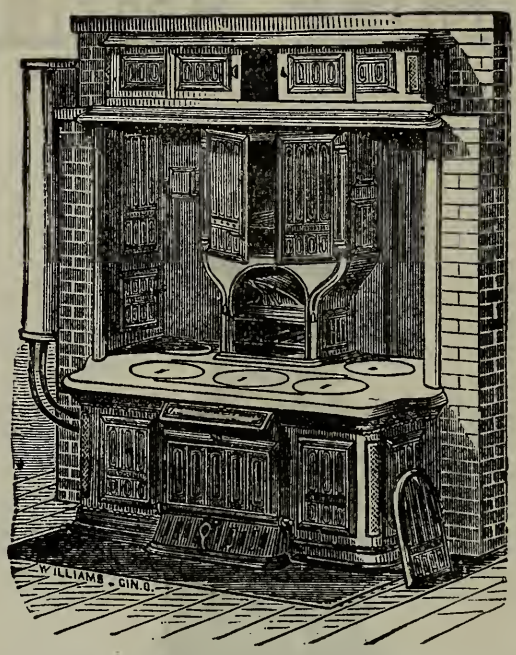
—AND—

Furnaces.

PIPING & VENTILATING

Public and Private Buildings,

In any part of the country.



RICHMOND DOUBLE and SINGLE OVEN

"Palace" Ranges.

CHILSON'S

"Arlington" Ranges.

BARSTOW'S

Ranges and Furnaces.

HARRIS' FURNACES.

THE "GOLDEN SUN"

Fire Place Heater

Spear's "Anti-Clinker" Stoves.

AND

FURNACES.

Tailor and Laundry Stoves,

Registers and Ventilators,

HOUSE FURNISHING GOODS,

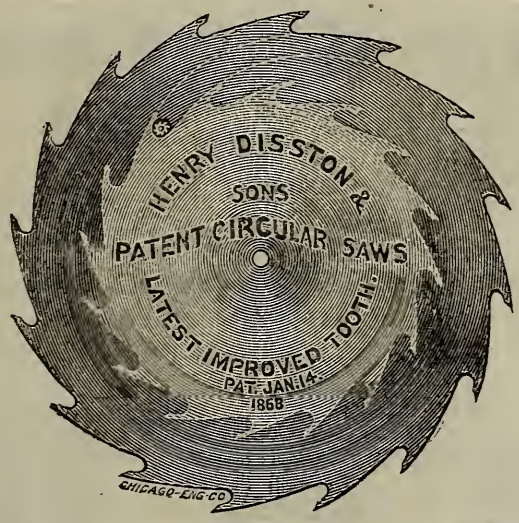
Cor. State and Van Buren Streets.

CLASS C.

HENRY DISSTON & SONS

KEYSTONE

SAW, STEEL



AND

TOOL, FILE

WORKS OF PHILADELPHIA.

Branch House & Factory, Cor. Randolph & Market Sts.

CHICAGO.

Tillottson Bros. & Co.,

272 & 274 State Street, CHICAGO.

DEALERS IN

STOVES, RANGES AND HOUSE FURNISHING GOODS,

Magee's Celebrated Portable Range, also, Standard and Advance Cook Stoves.

Magee's Standard Parlor, Dining Room Heater and Round Illuminator.

Treadwell Stove Co's Celebrated Franklin Illuminator, Self-Feed for Hard Coal, and Omaha Hot Blast for Soft Coal, Something New.

Together with a full line of other

HEATING & COOK STOVES, TAILORS' HEATERS, LAUNDRY STOVES,

House Furnishing Goods, Etc., Etc.

ESTABLISHED 1857, ORGANIZED 1869. CAPITAL, $3,000,000.

NORTH CHICAGO
Rolling Mill Company

MANUFACTURERS OF

PIG

Metal

RAIL

ROAD

IRON

AND

BESSEMER

Steel

RAILS

TABLE,

Showing the Number of Tons per Mile corresponding to the following Weights of Rails per Lineal Yard.

Wt. per Yard.	Tons per Mile.	Wt. per Yard.	Tons per Mile.
12 Pounds,	$18\frac{1920}{2240}$	52 Pounds,	$81\frac{1600}{2240}$
16 "	$25\frac{320}{2240}$	56 "	88
25 "	$39\frac{640}{2240}$	57 "	$89\frac{1280}{2240}$
30 "	$47\frac{320}{2240}$	60 "	$94\frac{640}{2240}$
35 "	55	62 "	$97\frac{960}{2240}$
40 "	$62\frac{1920}{2240}$	64 "	$100\frac{1280}{2240}$
45 "	$70\frac{1600}{2240}$	65 "	$102\frac{320}{2240}$
48 "	$75\frac{960}{2240}$	68 "	$106\frac{1920}{2240}$
50 "	$78\frac{1280}{2240}$	70 "	110

Splices, Bolts and Nuts

REQUIRED PER MILE.

	Splices.	Bolts and Nuts.
30 foot Rail,	704	1408
28 " "	754	1508
27 " "	782	1564
25 " "	844	1688
24 " "	880	1760

Office, 17 METROPOLITAN BLOCK,

N. W. Cor. Randolph and LaSalle Sts., **CHICAGO.**

O. W. POTTER,
President.

E. B. WARD,
Treasurer.

R. C. HANNAH,
Secretary.

DIRECTORS.

Sidney Bartlett.
Samuel P. Burt.
S. Clement.
E. B. Ward.
O. W. Potter.

C. E. ROBERTS. H. C. GOODRICH.

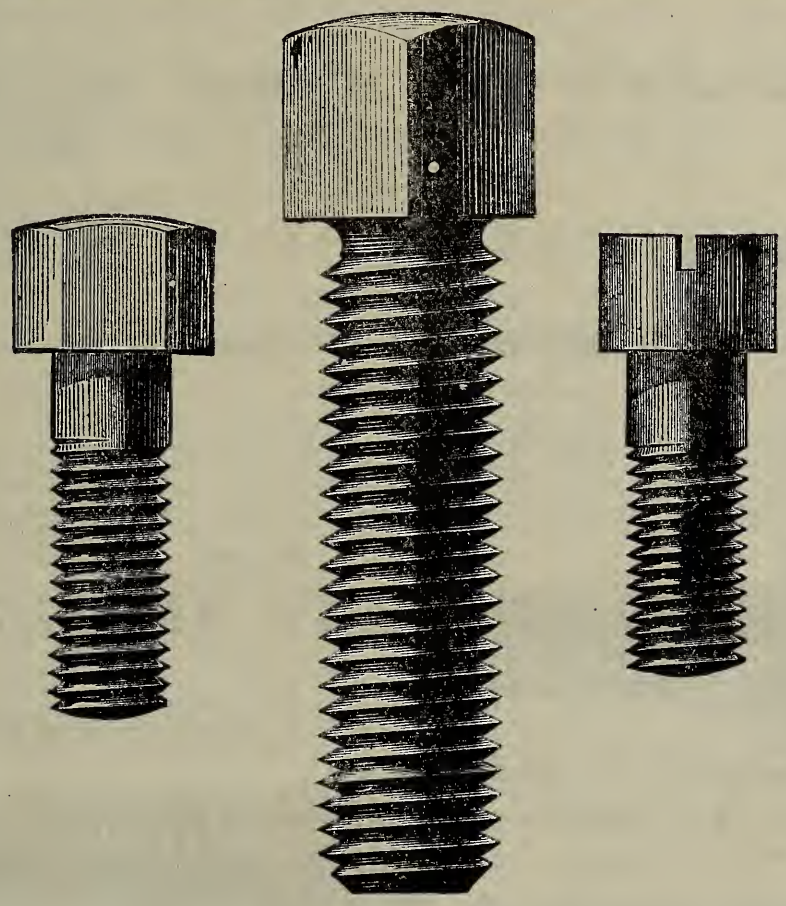
C. E. ROBERTS & CO.,

MANUFACTURERS OF

MACHINE, CAP AND SET

SCREWS.

We make to order of IRON, STEEL OR BRASS all kinds of **Screws, Studs, Rivets, Straight and Taper Pins, &c.**



Our Iron Set Screws are hardened by an improved process, which makes them as good as steel.

By the use of SPECIAL MACHINERY, we are enabled to furnish Manufacturers and Machinists with all kinds of

SCREW AND STUD WORK,

at LESS COST than they can make it.

See samples of work in Exhibition Hall, Department C, Section 3. Also Machines in Operation in north end of the Hall.

OFFICE and FACTORY, 7 and 9 South Jefferson Street,

Between Randolph and Washington Streets,

CHICAGO.

C. FLAMMER,

Plain and Ornamental Japanner,

MANUFACTURER OF

TEA, COFFEE AND SPICE CADDIES,

No. 45 W. ADAMS STREET, CHICAGO.

Sewing Machines, Tea Caddies and similar articles re-japanned and ornamented in best style.

N. B.—See Fine Arts Hall for Illuminated Illustration of the Exposition Building.

BRAYTON, KING & CO.,

121 Michigan Avenue, cor. Madison St.,

CHICAGO.

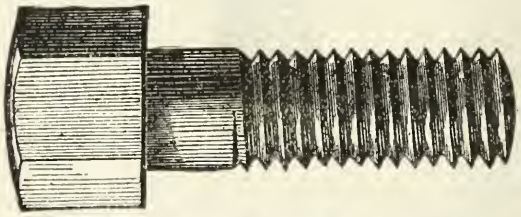
PRACTICAL HORSE SHOERS

AND GENERAL AGENTS FOR

GOODENOUGH HORSE SHOE.

This properly applied, keeps sound feet sound, and prevents contracted hoofs, quarter cracks, corns, interfering and over-reaching.

REFER TO:—Frank Parmalee, Adams Express Co., David Gage, A. J. Wright, Livery, Dr. Moses A. Gunn, Mr. Turner, Pres't N. C. City R. R., M. D. Hennessy, Pres't Chicago City R. R. Co., Mr. Jones, Pres't Chamber Commerce, with some hundreds of the prominent residents in this City.



Jas. Kehoe,

SCREW MANUFACTURER,

Set Screws, Cap Bolts, Studds, Rivets,

Sewing Machine Screws of all kinds.

All Kinds of TAPS and DIES Made to Order.

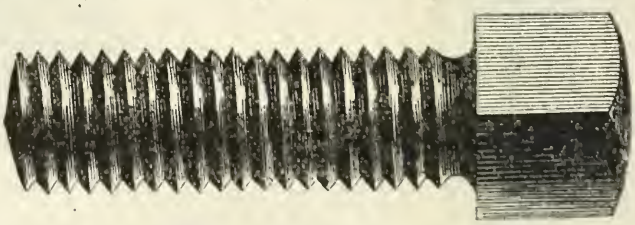
Model Making and Small Machine Work a Specialty.

GRINDING AND POLISHING

DONE TO ORDER.

253 South Canal Street,

CHICAGO.



THOS. DRIVER,

MANUFACTURER OF

SASH, DOORS, BLINDS,

Frames, Brackets, Mouldings, Etc.

Also, all kinds of Woodwork for Buildings, Broom Handles, Cabinet Makers' Turned Work, Etc.

SALESROOM: 90 W. HARRISON STREET, CHICAGO.

Factory at Racine, Wis.

CALL AND EXAMINE OUR STOCK.

BOYNTON'S
CELEBRATED
HEATING FURNACES,

For Burning
HARD OR SOFT COAL OR WOOD.

For Heating
Churches, School Houses, Dwellings, Etc.

Undoubtedly the
Most Reliable and Efficient Furnaces
Made in this Country.

Cooking Ranges, Stoves, &c.

The Leading Goods in their Line.

THE WESTERN HEADQUARTERS FOR
The Celebrated Tuttle & Bailey Registers, Ventilators, &c., &c.

Send for Circulars.

BLISS & BROWN,
82 Lake Street, Chicago.

TRIUMPHANT SUCCESS OF THE
CHICAGO STOVE WORKS

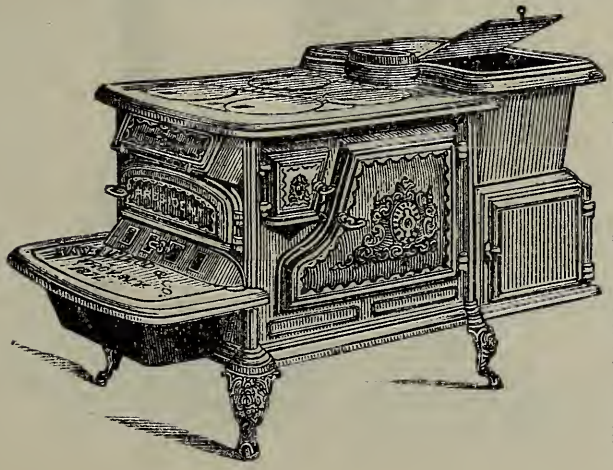
C. A. McLEOD, Pres't,
RUFUS LAPE, Vice Pres't, } **Troy, N. Y.**

C. T. BOAL,
Secretary, Treas. and Gen'l Manager, Chicago.

Office and Foundry, Near cor. 22d Street & Blue Island Ave.

Send for our Illustrated Catalogue of

COOKING, HEATING AND PARLOR STOVES,

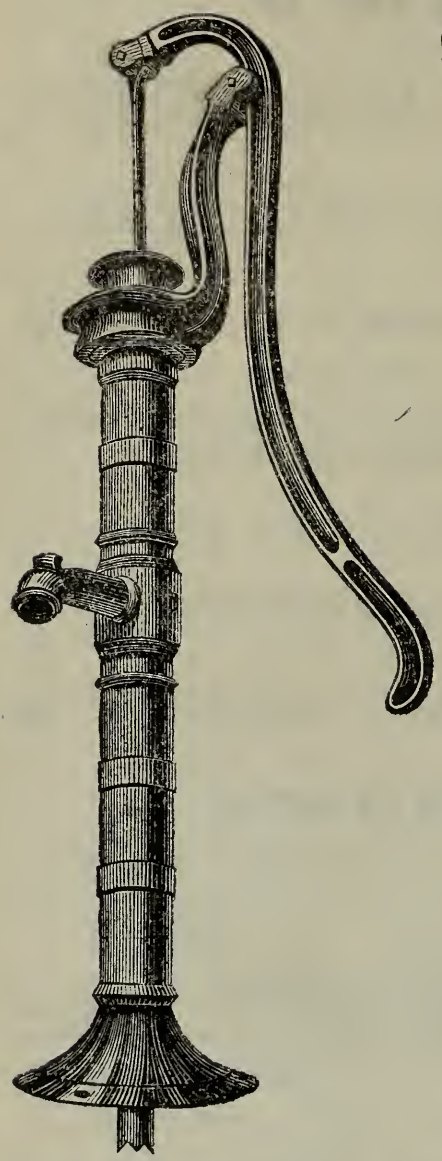


Hollow Ware, &c.,
which we manufacture at our new foundry in Chicago, from the Celebrated Lake Superior Iron, and which we guarantee equal in all respects to those made in the East.

HOW TO FIND THE CHICAGO STOVE WORKS.

Take the Union Independent or Brickmaker's Line Omnibusses, starting from the corner of Madison and State Streets, and run directly to our foundry; or take the Lumbermen's Line of Blue Island Avenue Omnibusses, which start from the corner of Lake and State Streets; or Blue Island Avenue Horse Cars, that leave corner of Lake and State Streets, which run within a few blocks of our Foundry. The former route is the best.

Works Founded in 1832. BENJAMIN DOUGLAS, Pres. J. M. DOUGLAS, Sec. & Treas.



M. & B. Douglas,

The OLDEST and MOST EXTENSIVE Manufacturers of

PUMPS

Hydraulic Rams, Garden Engines, and other Hydraulic Machines in the United States.

Several Hundred Kinds, Styles and Varieties

OF THESE ARTICLES IN

LARGE STOCK,

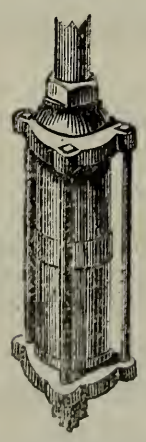
Constantly on hand

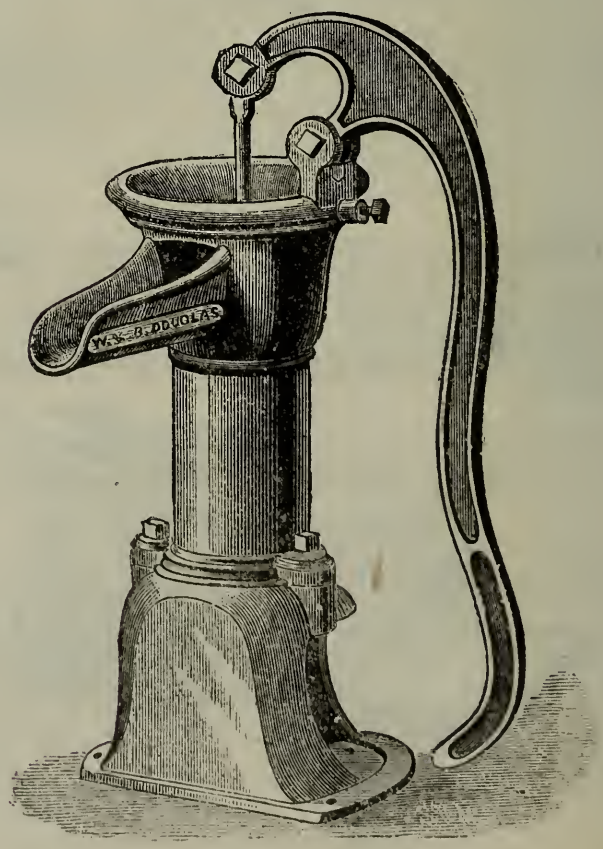
Descriptive Catalogues & Price Lists sent when requested.

---

197 LAKE STREET,

CHICAGO.





AWARDED THE

HIGHEST MEDAL BY THE UNIVERSAL EXPOSITION AT PARIS, FRANCE, IN 1867, and the Highest Medal for Progress, at Vienna in 1873.

Factory at Middletown, Conn.

Branch Warehouse: 85 & 87 John Street, New York.

A. E. LEAVENWORTH,

Furnaces, Stoves & Ranges.

WESTERN AGENT FOR

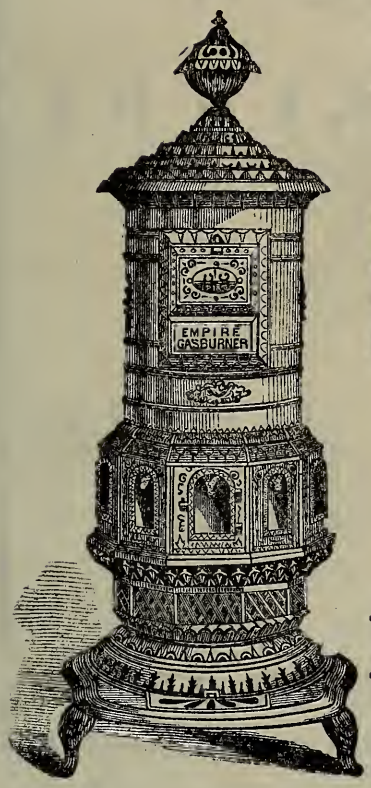
EMPIRE STOVES

AND

FURNACES,

102 E. Randolph Street,

CHICAGO.



THE NEW EMPIRE

Cooking Stove, with low copper tank for wood or coal. Awarded First Premiums over all the leading Stoves wherever exhibited.

THE NEW EMPIRE PARLOR,

Entirely New, Self-Feed, all Cast Iron, Anti-Clinker, has more good Points than any Stove in the market.

EMPIRE HEATING RANGE,

Does the Cooking and Heating with the same fire.

THE BURTIS FURNACE,

The best in the country. For Sale by

J. D. McLean & Co.,

335 STATE STREET, CHICAGO, ILL.

See the above in Exposition Building

KIRK & BARKER,

IRON, NAILS, STEEL

AND

HEAVY HARDWARE.

WAGON AND CARRIAGE MATERIAL.

Keep constantly on hand a large Stock of Best Brands Bar and Sheet Iron.

WESTERN DEPOT FOR THE JUSTLY CELEBRATED

"SOLAR" HOOP AND BAND IRON

"ULSTER" IRON, BAR AND SHAPES.

For Wagon and Carriage Makers' use, or where the best quality of iron is required, we believe it to be equal to Swedish or Norway Iron. "Ulster" Horse Shoe Iron, the best in market, and parties who have any trouble with Horse Shoe Iron, should try this brand, as we warrant it to give entire satisfaction.

WE KEEP A FULL STOCK OF THE CELEBRATED "JEFFERSON" NAILS.

Western Headquarters for Burden's Horse and Mule Shoes.

"Northwestern" Horse Nails at Manufacturers' Prices. Western Depot for D. Arthur Brown & Co.'s Genuine Concord Axles. Agents for the "Bridgeport Spring Co.s" Fine Axles and Springs. Shuler's Carriage, Express and Seat Springs. American Cast Tool Steel, Machinery and Plow Steel. Carriage Hardware. Russell, Burdsall & Ward's Carriage and Tire Bolts, Philadelphia Carriage and Tire Bolts, Common Carriage and Tire Bolts.

Bellows, Anvils, Vises, and all Kinds of Blacksmiths' Tools.

Malleable Irons, Rivets, Nuts, Washers, etc., etc. Wagon and Carriage Wood Stock of every description. Cloth, Leather, and Carriage Makers' Trimmings of all kinds. Parties wishing to buy the best quality of goods, need only to look over our list and sent us their orders, which will receive our prompt attention. Prices low to cash and prompt paying customers. Soliciting orders, we are,

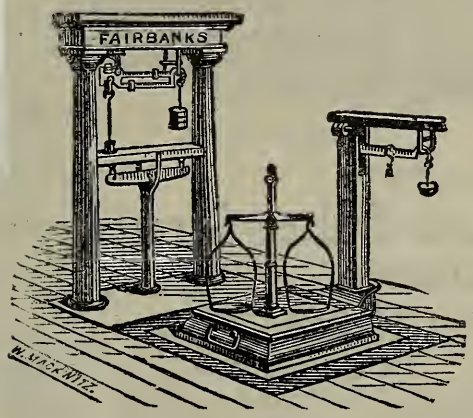
Very respectfully,

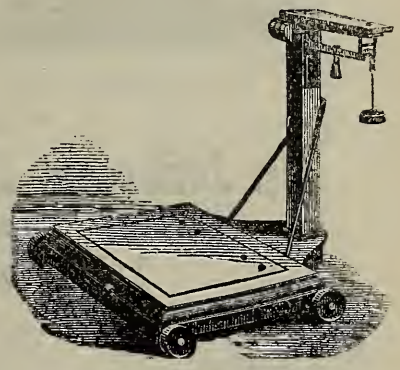
KIRK & BARKER.

196 and 198 Lake Street, Chicago.

MANUFACTORY ESTABLISHED IN 1830.

Standard Scales





OVER 300 MODIFICATIONS,

MADE WITH THE

Latest and Most Valuable Improvements,

ADAPTED TO ALL REQUIRED USES.

ALSO,

Baggage Barrows, Warehouse Trucks, Grain Wagons, Improved Money Drawers,

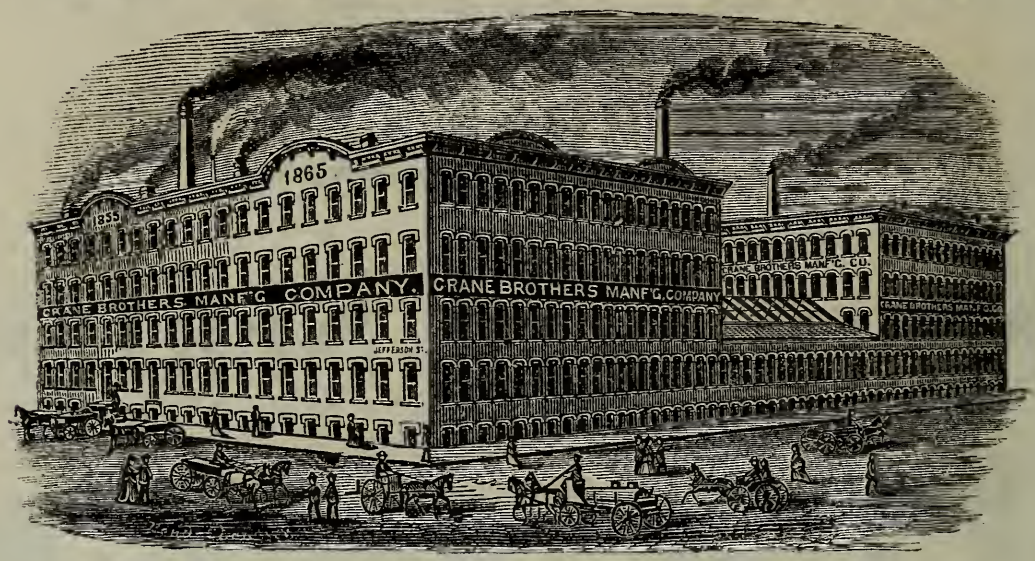
ETC., ETC., ETC.

FAIRBANKS, MORSE & CO.

111 and 113 Lake Street.

SCALES OF ALL KINDS PROMPTLY REPAIRED.

CRANE BROS. MANFG. COMPANY.



ESTABLISHED 1855. INCORPORATED 1865.

PRINCIPAL WORKS:

On Jefferson, Des Plaines and Fulton Streets,

GENERAL OFFICES AND SALESROOMS:

10 North Jefferson Street,

R. T. CRANE, *President.*
S. W. ADAMS, *Secretary.*

CHICAGO.

C. S. CRANE, *Vice-President.*
GEO. S. REDFIELD, *Treasurer.*

MANUFACTURERS OF

Wrought Iron Pipe, Steam and Gas Fittings,

BRASS AND IRON GOODS, MALLEABLE IRON CASTINGS,

Steam Warming and Ventilating Apparatus,

CRANE'S STEAM ELEVATORS for PASSENGERS and FREIGHT.

CRANE'S PATENT HOISTING ENGINES

For Blast Furnaces, and Coal, Iron and other Mines.

Stationary Steam Fire Engines, Steam Pumps, Etc.

Send for Descriptive Circulars.

Established 1853.

Walworth, Brooks & Co.

Nos. 243 and 245 Lake Street,

CHICAGO,

Manufacturers of and Dealers in

Wrought Iron Pipe

FOR STEAM, GAS OR WATER,

Fittings, Brass and Iron Valves,

GAS AND STEAM FITTERS' TOOLS,

STEAM PUMPS,

LEATHER AND RUBBER BELTING, HOSE,

STEAM ENGINES, ETC.

SOLE AGENTS FOR

Branford Malleable Iron Fittings Co.; Ramsey & Co.'s Cistern and Well Pumps, Otis Bros. & Co.'s, New York, Steam Safety Elevators for Hotels, Stores, Offices, Buildings, &c.

Wrought Iron Pipe by the Car Load, at lowest prices. Water Pipe, Steam Pumps, and other apparatus for protection from fire, supplied and erected.

FRANK STURGES. OLIVER H. LEE. WM. S. POTWIN.

THE

Chicago Stamping and Tinning Works.

FRANK STURGES & CO.,

Proprietors.

MANUFACTURERS OF

Tinned Iron Ware,

STAMPED AND JAPANNED TIN WARE,

Tinners' Trimmings, &c.

IMPORTERS OF

TIN PLATE & METALS.

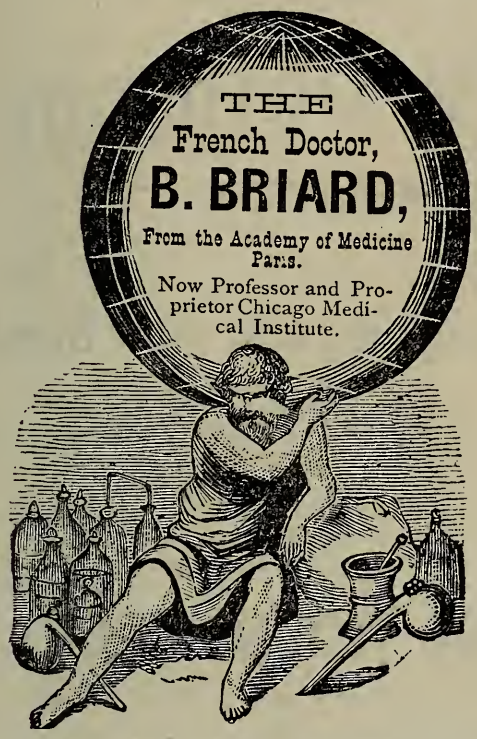
JOBBERS OF

Tinners' Tools, Machines and Findings.

OFFICE AND SALESROOMS,

72. 74 & 76 LAKE STREET

CHICAGO.



Announces to the citizens of Chicago and surrounding country, that he still continues as during the past 17 years, in Europe and this country, to scientifically treat and cure all forms of diseases, no matter as to their nature and long standing, at his Drug Store and Office, ***188 South Halsted Street.***

Patients can be consulted by mail, and medicines forwarded by express. A complete assortment of French Toilet articles, and also medicines of all descriptions kept constantly on hand. All languages spoken. Physicians' Prescriptions carefully filled.

BEN. E. GIVAUDAN & TRESTED, Jr.,

Sole Agents in the West for the

"BRAMHALL, DEANE & CO."

French Ranges and Broilers,

FOR

HOTELS, RESTAURANTS, FAMILIES, &c.

ALSO,

"Imperial" Hot Water, Coffee and Tea Urns, Combined.

Carving Tables, Chop House Ranges,

COPPER WARE, &c.,

349 STATE STREET,

CHICAGO, ILL.

COLLINS & BURGIE,

Manufacturers and Dealers in

Cook, Parlor and Heating Stoves

ALSO MANUFACTURERS OF

PRINDLE'S AGRICULTURAL STEAMERS

—AND—

FARMERS' BOILERS.

Cor. of Clinton & Congress Streets,

CHICAGO.

Parkhurst & Wilkinson,

IRON MERCHANTS,

—AND DEALERS IN—

English and American Cast, Spring and Plow Steel.

ANVILS,	AXLES,	CHAINS,
BELLOWS,	SPRINGS,	BURDEN'S HORSE SHOES,
FORGES,	CARRIAGE BOLTS,	NORTHWESTERN,
DRILLS,	RIVETS,	GLOBE,
HAMMERS,	VISES,	AUSABLE AND
FILES,	NUTS AND WASHERS,	NATIONAL
SLEDGES,	FIFTH WHEELS,	HORSE NAILS, AND

WAGON and CARRIAGE WOOD STOCK.

Still occupying the building we erected immediately after the GREAT FIRE, we offer inducements to buyers which cannot be surpassed As our building is inexpensive, we have neither high rents nor a large amount of interest to pay, and we consequently are not compelled to add these items (which constitute the chief part of expense) to the small margin we aim to make on our goods. Remember that we carry in store the largest and most complete stock of WAGON AND CARRIAGE WOODS in the West, and we cannot be beat in quality or price. We are Sole Agents for

SWEET'S CAST STEEL GOODS,

Oil Tempered Seat Springs, Cast Steel Tire, Cast Steel Crowbars, Cast Steel Drag Teeth, Sleigh Shoe Steel, Reaper Springs, Cast Steel Cutter Shoes, with Hammered Ends, Cast Steel Horse Shoes, Etc.

171 and 173 South Canal Street.

JEWETT & ROOT,

Manufacturers of

STOVES & HOLLOW WARE,

AT BUFFALO, N. Y.

Wholesale Dealers at Buffalo, Detroit, Chicago and Milwaukee.

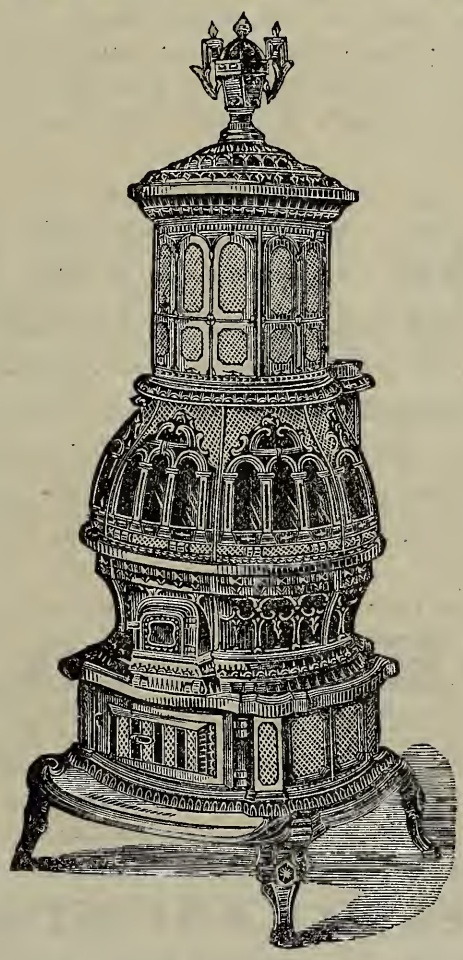
Make a "Specialty" of the celebrated

DIAMOND

With Solid Iron Fire-Pot.

With Illuminated Anti-Clinker Opening.

With Patent Double Grate.



Takes the Lead of the Entire Family of Base Burners.

With Large Return Flues.

With Center Dump.

SELF FEEDING, BASE BURNING

COAL STOVE.

FOUR SIZES, Nos. 18, 23, 28 and 34.

Send for a Catalogue Illustrating their Immense Assortment of Cooking and Heating Stoves.

JEWETT & ROOT, - - 30 River Street, CHICAGO.

M. W. & F. LESTER,

304 STATE STREET,

DEALERS IN

Furnaces, Ranges, Stoves,

HOTEL AND HOUSE FURNISHING GOODS, &c.

Of FURNACES, we Manufacture

14 Sizes of Portable Furnaces, both Surface and Base Burners.
6 Sizes of Brick Furnaces, for large Dwellings, Churches, &c.
2 Sizes of Portable Base Burners, for Soft Coal.
2 Sizes of Brick Furnaces, for 4 ft. and 4½ ft. Wood.
6 Sizes of Bulkley's Suph. Superheated Steam Furnaces.

We are the SOLE WESTERN AGENTS for the

IMPERIAL FRENCH RANGES,

Broilers, Carving Tables, Coffee and Tea Urns, Copper Ware, &c., for Hotels and Restaurants,

Manufactured by L. F. DURPARQUET & HUOT, (Successors to E. MONEUSE & DURPARQUET,)

OF NEW YORK CITY.

Samples of these Ranges, &c., may be seen in successful operation in the Grand Pacific Hotel, Gardner House, Clifton House, Commercial Hotel, Central Hotel, Maulton House, new Briggs House, Phil. Conley's, Wentworth & Woolworth's "Browns," Burke's, S. H. Thompson's, and scores of other places.

We are the Exclusive Agents for the

MAGEE RANGE,

OF BOSTON,

Which, for Family Use, is Unequalled in Excellence by any other Elevated Double Oven Range in this Market.

WE ALSO KEEP ON HAND A FULL SUPPLY OF

STOVES

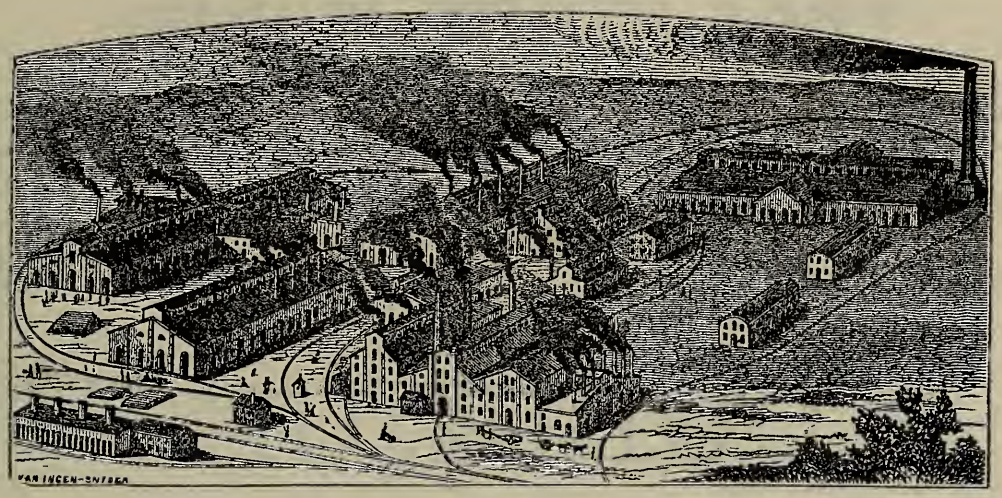
Of all kinds and sizes, together with ***House Furnishing Goods,*** which we shall offer for sale at the Lowest Prices.

We desire to call especial attention to the ***New American Anti-Clinker*** Cooking Stoves, which stand unrivalled among Cooking Stoves, as is evidenced by the fact that over 100,000 are in use, and it has received one hundred and twenty-seven first premiums during the past three years.

Mr. Frank Stevens, well and favorably known among stove dealers and manufacturers for the past ten years, will give his exclusive attention to this branch, thus insuring to purchasers valuable information in selection of stoves.

We will guarantee our goods to be first-class and to give entire satisfaction to our customers.

M. W. & F. LESTER, 304 State St., Chicago.



JOLIET
IRON AND STEEL COMPANY,

MANUFACTURERS OF

Pig Metal, Railroad Iron

—AND—

BESSEMER STEEL RAILS.

OLD RAILS RE-ROLLED.

WORKS AT JOLIET, ILL.

OFFICE, 94 WASHINGTON ST.,

CHICAGO.

A. B. MEEKER, President. **J. H. WRENN, Treas. and Sec'y.**

TROY STOVE WORKS.

Burdett, Smith & Co.,

TROY, N. Y., 253 River Street.

Manufacturers of

CHICAGO, ILL., 538 S. Clark Street.

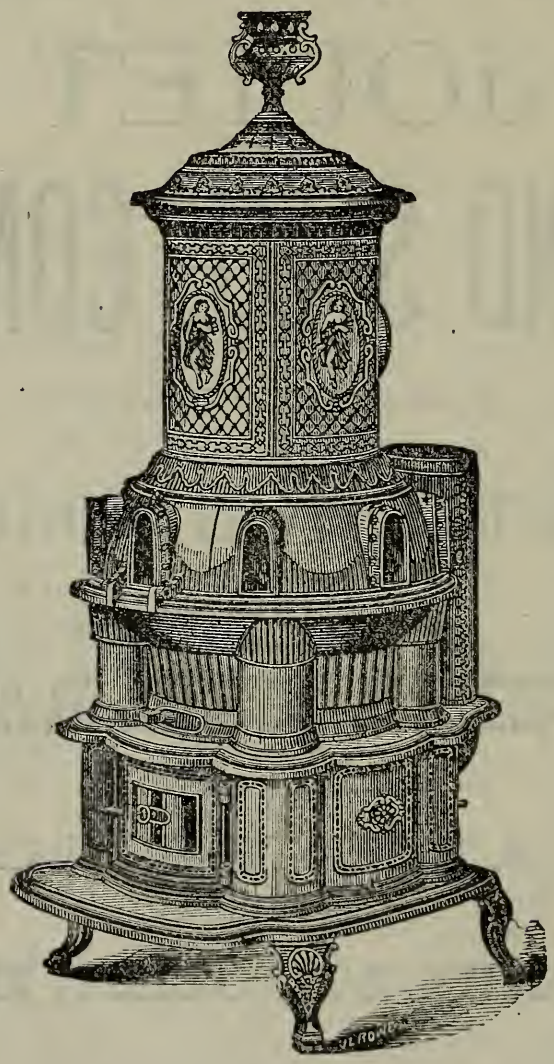
The Celebrated Soft Coal Base Burner

DUBUQUE.

It will burn the POOREST COAL found in the West.

It is all Cast Iron and consequently DURABLE.

It will keep fire perfectly for 30 hours.



And is the Greatest HEATER in the Market.

It Ventilates the Room Perfectly,

It is a Perfect Gas Consumer.

Full lines of their superior Cooking Stoves,

Women's Rights, New Golden West, &c.,

Constantly on hand, as well as a full assortment of Heating Stoves.

A. D. PATCHIN, Resident Partner,

538 South Clark Street, Chicago.

DAMON, TEMPLE & CO.,

111 & 113 Wabash Avenue, CHICAGO.
460 Washington Street, BOSTON.

Importers and Manufacturers of

GENT'S NECK WEAR.

WENDELL & HYMAN,

Manufacturers and Importers of

WATCHES, CLOCKS, DIAMONDS, JEWELRY,

SILVER and PLATED WARE, WATCH MATERIALS, &c., &c.

235 Wabash Ave., cor. Jackson St., Chicago, Ill.

BARNUM BROS.,

IMPORTERS and EXCLUSIVELY WHOLESALE DEALERS IN

Toys and Fancy Goods,

BOHEMIAN GLASS, CHINA AND LAVA WARE, BASKETS,
NOTIONS, ETC.

Nos. 113 & 115 Wabash Avenue, CHICAGO, ILL.

ROBERT THIEM & CO.,

Leading Dealers in and Exhibitors of

FINE BOOTS & SHOES

No. 74 East Madison Street,

Near McVicker's Theatre and cor. State St., **CHICAGO, ILL.**

STAND AT THE INDUSTRIAL PALACE DEP'MT B, SECTION, NO. 8.

Established in New York in 1833. Established in Chicago in 1847.

EDWIN HUNT & SONS,

HARDWARE,

CUTLERY, TOOLS, NAILS, &c.,

58 and 60 Lake Street, - CHICAGO.

Locks, Latches & House Trimming Hardware,

IN BRONZE, NICKEL PLATE, &c.,

ICE TOOLS of "Wood's" Celebrated make.
MEAT CHOPPERS & STUFFERS, "Silver & Deming's" make.
FILES AND TOOLS, "W. & S. Butcher's" make.
"W. Hunt's" Douglas Axe Manuf'g Co.'s Axes and Tools.

A Full Assortment of Hardware at the Lowest Market Prices.

An experience of 40 years, and saving the expense of Traveling Agents, enables us to assure satisfaction. ***Orders by Mail*** solicited, which will receive immediate attention, and be filled at the lowest market prices.

THE CHICAGO COMPOSITION GRANITE CO.

(PATENTED JANUARY 5th, 1869,)

Manufacturers of

Granite House Fronts

All Styles of DOOR AND WINDOW CAPS, WATER TABLES, SILLS AND STEPS.

STONE FLOORS in all COLORS and PATTERNS.

OFFICE, 163 WASHINGTON STREET,

Works, N. W. Corner of N. Wells and Eugenie Streets. CHICAGO, ILL.

PAUL ROTHBARTH, Manager.

Patented September 17th, 1872.

CHICAGO ARTIFICIAL STONE COMPANY,

(J. F. HOFFMANN'S PATENT,)

Manufacturers of

Stone Fronts, Trimmings and Tiling.

OFFICE AND YARD:

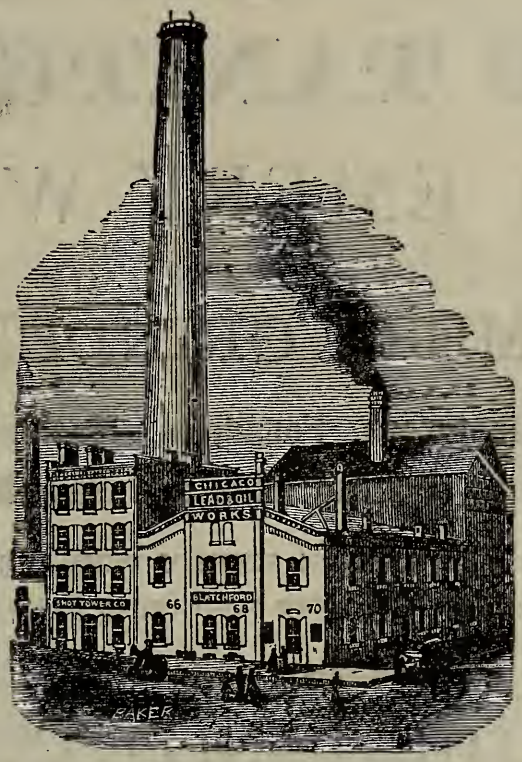
306 to 314 N. Market Street, CHICAGO.

JULIUS F. HOFFMANN, Secretary. CHARLES G. HOFFMANN, President.

E. W. BLATCHFORD & CO.,

70 N. Clinton St., CHICAGO.

MANUFACTURERS OF



Lead Pipe, Sheet Lead, Bar and Pig Lead,

SHOT,

Linseed Oil and Oil Cake.

The attention of dealers is particularly invited to our

BOILED LINSEED OIL.

Not only is it perfectly pure, but we claim for it a superiority, as all the oil is thoroughly boiled and we are thus able to secure uniformity of color and superior drying properties.

GROUND OIL CAKE.

This is the most valuable Feed for Stock in the market, and no owner of even a single Horse or Cow can afford to be without it.

We supply it by the car load, or in ton lots, and even by the single barrel or bag. Barrels hold about 160 lbs. each, grain bags 100 lbs. or eighteen to the ton.

Price now in small lots, $2.00 per 100 lbs. but a liberal discount on ton lots. Bags (second hand) and barrels, 25 cents each extra.

Chicago Shot Tower Co.,

MANUFACTURERS OF IMPROVED FINISH

DROP and BUCK SHOT, BALLS and BAR LEAD.

E. W. BLATCHFORD, President. C. F. GATES, Treasurer.

Trade Mark printed on *Drop Shot* bags in *Blue*.

Copyright Secured.

Our aim is to manufacture an article of

SHOT that is UNSURPASSED

IN

Roundness, Solidity, Perfection of Polish, Uniformity of Size, and Accuracy of Weight in each bag.

☞All orders by mail, from the trade, will receive prompt attention, and are solicited.

Trade Mark printed on *Buck Shot* bags in *Black*.

Copyright Secured.

THE TANITE CO.

SOLID EMERY WHEELS

AND

EMERY GRINDERS,

For Stove Manufacturers, Foundries, Machine and Rail Road Shops, Planing Mills and Saw Mills.

The judicious use of TANITE EMERY WHEELS and GRINDING or GUMMING MACHINES, will more than repay the cost in a year's work.

Write for Circulars and Photographs to

THE TANITE CO.,

STROUDSBURG, MONROE CO., PA.

CHAMPLIN & ROGERS,

SOLE WESTERN AGENTS FOR

THE TANITE COMPANY'S

Solid Emery Wheels, Emery Grinders,

DIAMOND TURNING TOOLS, ETC.

THE NEW YORK TAP AND DIE COMPANY.

HENRY WHITON'S LATHE & DRILL CHUCKS.

CENTREBROOK CO.'S

Machine, Car, Auger & Dowell Bits; Boardman's Combination Wrenches.

ALSO DEALERS IN

Stephens' Pat. Parallel Vises; Morse Twist Drills,

LeCOUNT'S LATHE DOGS, CLAMPS, &c.,

DARLING, BROWN & SHARPE'S

UNITED STATES STANDARD RULES,

STEEL AND IRON SET SCREWS,

MACHINISTS' TOOLS AND SUPPLIES.

SEND FOR CIRCULARS TO

CHAMPLIN & ROGERS,

155 Fifth Avenue, CHICAGO.

ESTABLISHED 1855. RE-ESTABLISHED 1871.

CHICAGO TYPE FOUNDRY,

MARDER, LUSE & CO.,

(IN OUR NEW BUILDING,)

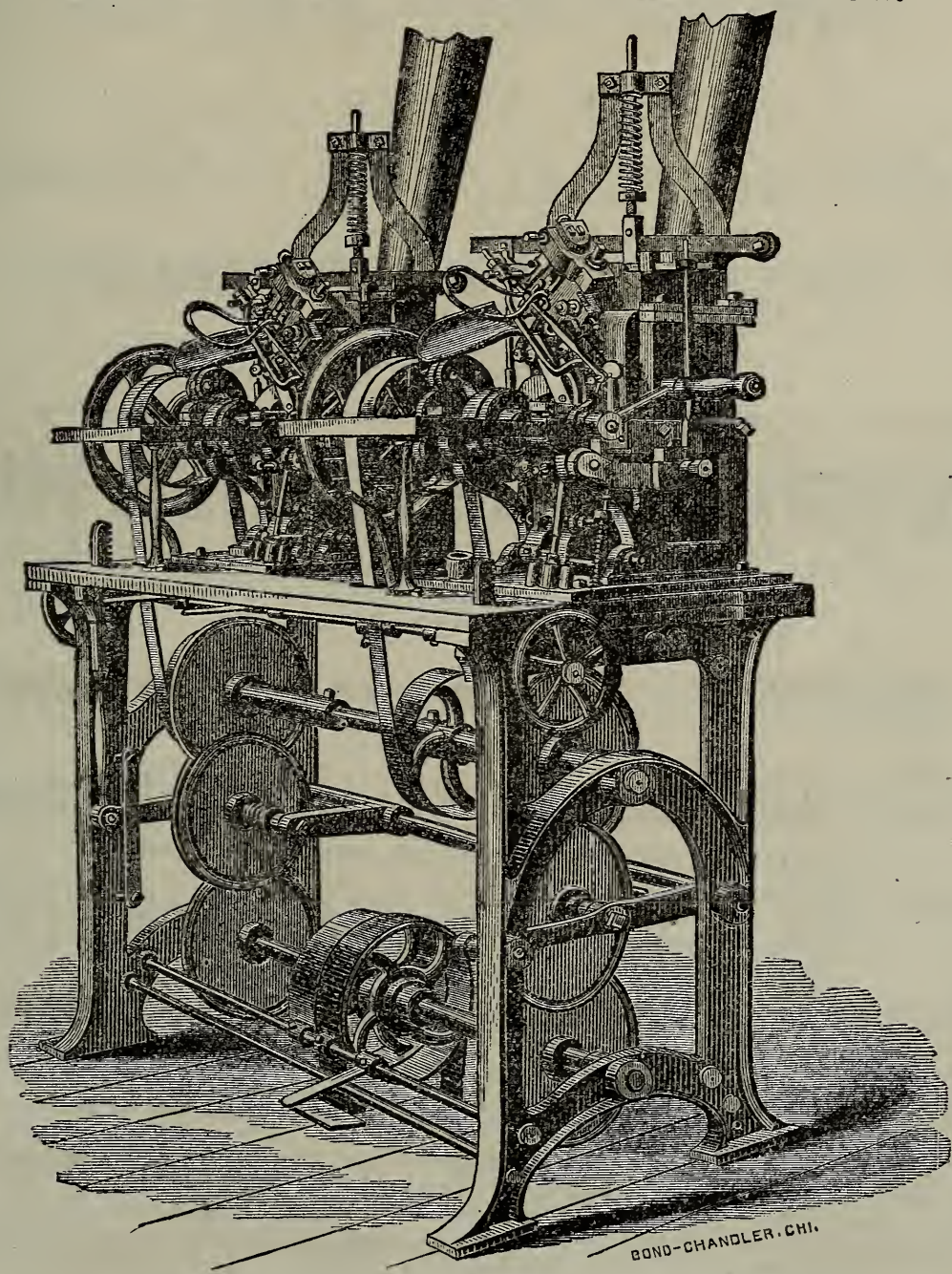
Nos. 139 and 141 Monroe Street, - CHICAGO.

A FULL STOCK OF

Roman Book and News Type and Display Letter,

OF OUR OWN MANUFACTURE, ON HAND.

ESTIMATES AND TERMS ON APPLICATION.



CUT OF OUR NEW STEAM TYPE CASTING MACHINE.

NOTE.—Persons wishing to see the operation of making Printing Types, will find one of the above machines in operation in the Exposition Building.

CLARKE, ABBOTT & CO.,

Railroad & Machinists' Supplies,

WESTERN WAREHOUSE FOR

THOS. FIRTH & SONS' STEEL & FILES.

SOLE AGENTS FOR

CONTINENTAL BOLT WORKS

No. 144 EAST LAKE STREET,

CHICAGO, ILL.

CONTINENTAL BOLT AND MANUFACTURING WORKS,

COR. MARKET AND HURON STS.,

CHICAGO, ILL.

CREGIER, CLARKE & CO., Proprietors,

MANUFACTURERS OF

Machine Bolts, Track, Skein & Bridge Bolts, Lag Screws,

TURN BUCKLES, RIVETS, Etc., Etc.

BOLT WORK of any Description, to order at short notice.

We are also prepared to furnish at short notice

SINGLE, DOUBLE & TRIPLE NOZZLE FIRE HYDRANTS or WATER PLUGS,

of our own design. These hydrants are of approved construction, durable and inexpensive; there are over Three Thousand of them in use in Chicago and elsewhere

Also **Stop Valves** for **Water Mains** of from **four** to **thirty-six inches** in diameter. All the valves are furnished with our improved **Indicator**, showing at all times the relative position of the valve. Our large sized valves require no gearing to operate them, being so arranged as to be easily opened under any head by applying the power directly to the main stem or screw shaft, thus rendering them reliable and free from damage.

Corporations, Water Companies, Engineers, Contractors, Machinists and others requiring work in our line are respectfully invited to investigate our claims.

Correspondence solicited.

Rock Island Glass Co.

Manufacturers of Glass for

WINDOWS, STORE FRONTS

SHOW CASES, ETC., ETC.

☞Orders for EXTRA LARGE SIZES (44x76) Promptly Filled.

Also, Odd Sizes and Shapes Cut to order.

We confidently recommend our Glass as superior in temper and finish to any in the market, and solicit an examination of it by all desiring a superior article.

The Glass used in this Building

WAS MANUFACTURED BY THE

ROCK ISLAND GLASS CO.

LESTER & UPDIKE, Agents.

Office and Warehouse, cor. Taylor St. & Pacific Av.,

CHICAGO.

NORTHAMPTON
EMERY WHEEL CO.

LEEDS, MASS.

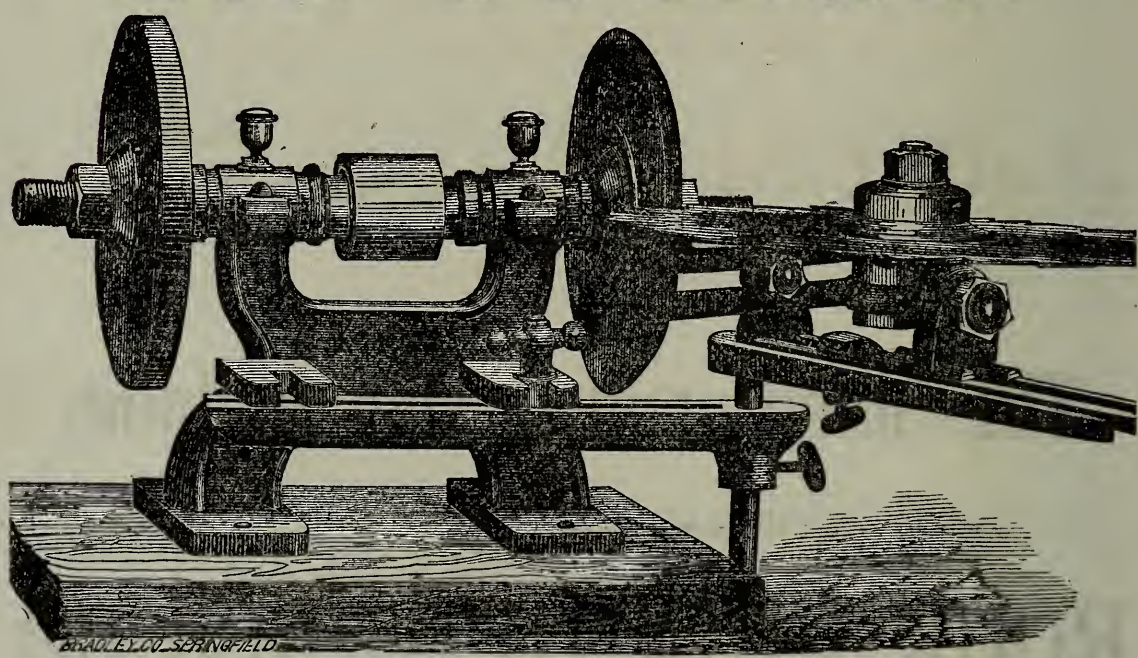
(ESTABLISHED IN 1857.)

MANUFACTURERS OF THE CELEBRATED

Northampton Emery Wheels

AND

OIL STONES.



And every variety of Emery Wheel Machinery, including Saw and Planer Knives, Grinding Machines for Stove, Brass and Safe Works, Machine Shops, Wood Workers and Jewelers. Also, Sole Manufacturers of

ELDRIDGE & KNOWER'S CELEBRATED

Stove Plate Dressing Machine.

AGENTS IN CHICAGO,

Ballard, Fast & Co.

AGENTS IN MILWAUKEE,

Arnold & Gale.

For the Quality of our Goods, we refer in Chicago to Messrs. Crane Bros., L. Wolff and S. J. Russell.

JAMES H. RICE,

DEALER IN

Plate and Sheet Glass

23 QUINCY STREET,

CHICAGO.

Agent for Platt & Boyd,

NEW YORK,

IMPORTERS OF PLATE AND SHEET GLASS.

ALSO

Crystal Plate,

ROUGH, COLORED, &c.

THE ENGLISH FLUTED GLASS

In the ROOF of the EXPOSITION BUILDING was furnished by

JAMES H. RICE,

23 Quincy Street, CHICAGO.

SPOOL SILK.

These celebrated goods, after a test of over Thirty Years, are pronounced by Manufacturers, Tailors and Dress Makers,

THE VERY BEST IN USE.

For Sale by all the Leading Jobbers throughout the United States.

DEPARTMENT D.

Raw Materials (not metallic) and Chemical and Natural Products used in the Common Arts.

Section 1.

FIBRES IN DIFFERENT STAGES OF PREPARATION—WOOL, COTTON, SILK, HEMP, FLAX, INDIAN MALLOW, RAMIC, &c.

1 BELDING BROS., 198 E. Madison street, Chicago, Silks in the various Stages of Preparation, Cocoon's, Raw and Manufactured Silk. (*See adv't.*)

3 J. J. & J. W. CLAPP, Kenosha, Wis., two Fleeces of Wool in case.

7 G. H. FOSTER & CO., 10 and 12 Madison street, Chicago, Foster's Patent Thread and Silk Cabinet. (*See adv't.*)

5 G. F. FOSTER, SON & McFARREN, 4 Market street, Chicago, American and Russian Manilla, Sisal, New Zealand and Jute Hemp Fibre in differ Stages of Preparation. (*See adv't.*)

2 JAMES H. McCONNELL, Springfield, Ills., Indian Mallow Fibre of Indian Mallow in different Stages of Preparation.

4 W. H. MILLER, care of A. W. Rollins & Co., Chicago, Wool.

6 NONOTUCK SILK CO., of New York, Boston and Chicago. Chicago office, 147 State street, Raw Silk, Cocoon's and Silk in different Stages of Manufacture, and Manufactured Spool Silk and Twist. (*See adv't opp. page.*)

Department D, Section 2.

SPECIMENS OF WOOD FOR USEFUL AND ORNAMENTAL WORK, &c.

10 T. S. CONSTANTINE, 17 So. Jefferson street, Chicago, a board covered with specimens of Veneering, &c., and Three Logs of Wood. (*See adv't.*)

12 PARKHURST & WILKINSON, 171 and 173 S. Canal street, Chicago, Wagon and Carriage Wood Stock. (*See adv't.*)

11 J. WILLARD SMITH & CO., 28 S. Canal street, Chicago, samples of Veneers and Woods, Mouldings, Carvings, &c.

Department D, Section 3.

FURS, PELTRIES, FEATHERS, HAIR, &c.

15 CHAS. EMMERICH, 287 and 289 Madison st., Chicago, Feathers of different grades, Pillows of different qualities and sizes, Ticking of different qualities. (*See adv't.*)

16 C. C. WALLIN & SONS, 221 Lake street, Chicago, Union Cross Sole and Harness Leather of their own manufacture.

Department D, Section 4.

ARTIFICIAL FERTILIZERS, PAINTS, OILS, VARNISHES, ARTISTS' COLORS AND MATERIALS, PHOTOGRAPHERS' MATERIALS, &c.

34 P. M. ALMINI & CO., 344 State st., Chicago, Artists' Material, Foreign and Domestic Designs in Fresco. (*See adv't.*)

37 BAEDER, ADAMSON & CO., 182 Lake street, Chicago, Glue, Curled Hair, Flint Sand and Emery Paper and Emery Cloth. (*See adv't.*)

38 J. & E. W. BLOCKI, 20 Market street, Chicago, Drugs, Chemicals, Perfumes, Essences, Oils, &c.

30 CHASE, HANFORD & CO., 1, 3 and 5 Wabash avenue, Chicago, Paints and Oils, also Wilson's Patent Oil Tank, and Barker's Patent Boxed Faucet Can, manufactured by Chase, Hanford & Co.

31 CHICAGO WHITE LEAD & OIL CO., 51 and 57 N. Green street, and 181 Fulton street, Chicago, White Lead, Zinc White, Dry Colors and Colors in Oil, Linseed Oil, Varnishes, Window Glass, &c.

41 CLINDINNING & CO., Chicago Hahnemann Pharmacy, 35 Clark street, Chicago, Homœpathic Cerate.

23 FAIRBANK, PECK & CO., office 45 LaSalle street, Works, Eighteenth and Blackwell sts., Chicago, Lard in Tierces, half Barrels, Buckets, Caddies and Tin Pails, expressly packed for Family use, Lard Oil of various qualities, Extra No. 1, 2, Winter Strained Pure Neatsfoot Oil, &c. (*See adv't.*)

20 GALLOWAY & SARGENT, Sixteenth and Throop sts., Chicago, Soaps.

25 FRENCH & CO., 23 S. Water street, Chicago, Lard, Tallow, Lard Oils, &c.

39 E. F. HAUGHTON & CO., Philadelphia, Pa., Cosmoline, a new product from Petroleum.

35 HEATH & MILLIGAN, 170 and 172 Randolph street, Chicago, Paints, Oils, Colors, Varnish, Brushes, &c.

26 JOSEPH M. HIRSH, 43 and 45 State street, Chicago, Fertilizers, Chemicals, Albumen, Carbolic Acid, &c.

36 HOLDEN, TASCOTT & CO., 242 Madison street, Chicago, Enamel Paints of different shades, mixed and ready for use, and samples of our Colors on glass and paper. (*See adv't.*)

22 PLACE & EHRET, 189 Mather st., Chicago, Soaps. (*See adv't.*)

33 C. F. RAYNOLDS & CO., 21 E. Lake street, Chicago, Artists and Painters' Materials.

21 HUGH RITCHIE, 211 to 221 Goethe st., Chicago, Staple Soaps.

42 JUSTIN RYAN.

24 E. SCHNEIDER & CO., cor. McGregor and Wallace sts., Chicago, Pyramid of Candles, and Busts of Prominent Men made of material used in the manufacture of Candles.

29 E. SCHOENEMAN & CO., 425 and 427 Chesnut st., Milwaukee, Wis., two brands Stove Polish, the Morning Glory and the Standard.

27 GEORGE B. SWIFT & CO., 142, 144 and 146 Fulton st., Chicago, Imperial Axle Grease, and Swift's Tallow Compound, &c.

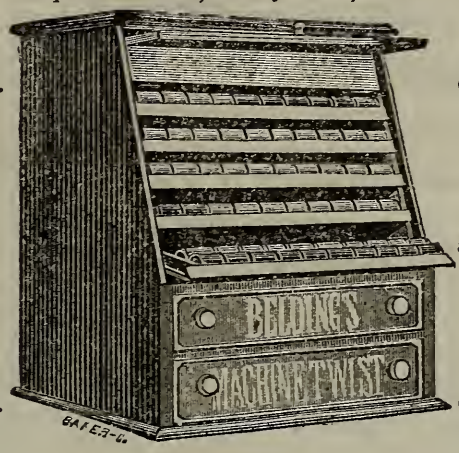
32 DANIEL B. SHIPMAN, Fifteenth st. near State street, Chicago, samples of White Lead in various stages of manufacture.

28 THE JOSEPH DIXON CRUCIBLE CO., Orestes Cleveland, President, Jersey City, N. J., Dixon's Black Lead Crucibles, Stove Polish, Plumbago, &c

N. B.—Names of exhibitors in this department not entered above, will be found in the appendix.

BELDING BROS. & CO.

Spool Silk Case, Pat. June 16, 1868.



CHICAGO.
198 E. Madison St.

NEW YORK.
510 Broadway.

BOSTON.
27 Portland Street.

PHILADELPHIA.
Cor. 6th & Arch Sts.

CINCINNATI.
56 West Fourth St.

ST. LOUIS.
601 N. Fourth St.

MANUFACTURERS OF

MACHINE TWIST,

Sewing Silk, Etc.

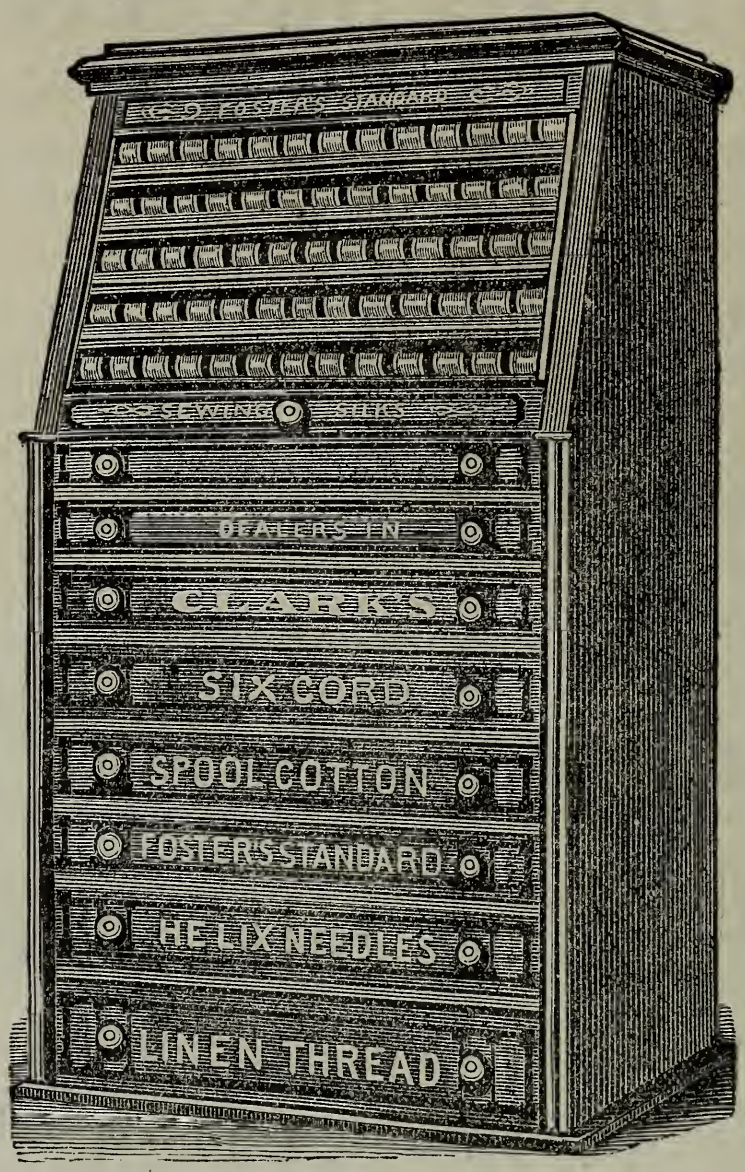
MILLS AT ROCKVILLE, CONN.

Our Goods are Warranted, in Length, Strength and Quality. Ask for BELDING BROS. & CO.'S SILKS, and take no other.

NO. 198 EAST MADISON STREET,

CHICAGO.

Foster's Patent Thread and Silk Cabinet.



FURNISHED TO CUSTOMERS BY

G. H. FOSTER & CO.

SUCCESSORS TO

Wm. F. Foster & Co.

10 and 12 Madison Street,

CHICAGO.

BAEDER, ADAMSON & CO.,

MANUFACTURERS OF

GLUE, CURLED HAIR, FLINT AND SAND PAPER,

Ground Flint and Emery, Emery Paper and Emery Cloth,

PLASTERERS' AND SADDLERS' HAIR; COWHIDE WHIPS, &c.

STORES:

CINCINNATI, 92 Main Street.
NEW YORK, 67 Beekman Street.

Chicago, 182 Lake St.

PHILADELPHIA, 730 Market St
BOSTON, 143 Milk Street.

HIGHEST PRICE GIVEN FOR CATTLE TAILS.

Chicago Enamel Paint Works.

ESTABLISHED 1869.

Before you paint select the best and most durable.

TASCOTT'S ENAMEL PAINT,

MANUFACTURED BY

HOLDEN, TASCOTT & CO.,

242 Madison Street, CHICAGO, ILLS.

This paint is mixed ready for the brush, of pure white, or any shade or color, from the best materials known to the paint trade.

Strictly pure White Lead, Metal Zinc and Linseed Oil.

W. H. CUNNINGHAM. T. S. CUNNINGHAM.

INSURANCE OFFICE

—o OF o—

W. H. CUNNINGHAM & CO.,

175 LaSalle Street, Corner Monroe,

Rooms 10, 11, 12,
NIXON'S BUILDING.

CHICAGO.

PENNSYLVANIA FIRE INSURANCE COMPANY,

PHILADELPHIA, A. D. 1825.

ASSETS, - - - - - - - - $1,250,000.

AMERICAN FIRE INSURANCE COMPANY,

PHILADELPHIA, A. D. 1810.

ASSETS, - - - - - - - - - $1,250,000.

FIRE ASSOCIATION OF PHILADELPHIA,

INCORPORATED A. D. 1820.

ASSETS, - - - - - - - - $2,200,000.

JAS. S. KIRK & CO'S

Patented March 29, 1870.

Leading SOAP of America!

Clothes are washed white and clean with little rubbing and NO BOILING by using

JAS. S. KIRK & CO'S

SAVON IMPERIAL

CHICAGO.

Sold Wholesale and Retail in every State and Territory in the United States.

Our Brands.

SAVON IMPERIAL.
GERMAN MOTTLED.
WHITE RUSSIAN.
STANDARD.
STERLING.
OLIVE.
EUTOCA.

Universally acknowledged to be the best Soaps in the market. Sold Wholesale and Retail, in every State and Territory in the United States.

JAS. S. KIRK & CO.,

CHICAGO.

FAIRBANK, PECK & CO.,

PACKERS OF CHOICE

FAMILY LARD

IN

TIERCES, HALF BARRELS AND BUCKETS.

ALSO,

3, 5, 7 & 10 pound Caddies, 3, 5, 6 & 10 pound Tin Pails

PACKED IN 60 POUND CASES.

MANUFACTURERS OF

EXTRA No. 1 and No. 2 LARD OIL and PURE NEATFOOT OIL.

OFFICE:

No. 45 La Salle Street,

WORKS:

18th and Blackwell Sts.

CLASS D

WOLCOTT, SMITH & CO.

IMPORTERS OF

FRENCH AND ENGLISH PLATE AND SHEET

GLASS

AGENTS OF

Phenix Glass Co.

OF LASALLE, ILLINOIS.

Dealers in Paints, Oils, Varnishes, Brushes, Etc., Etc.

MANUFACTURERS OF

HEAVY PLATE MIRRORS & AMERICAN MIRRORS.

MIRRORS RE-SILVERED.

Nos. 47 and 49 Dearborn Street,

CHICAGO.

HOME

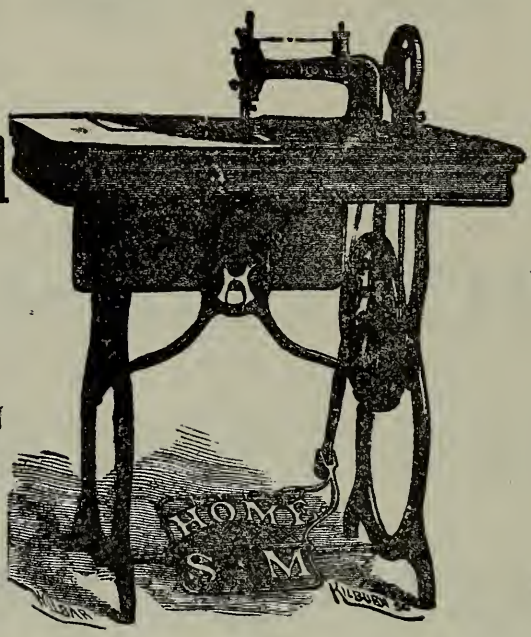
SEWING MACHINE!

The Cheapest and Lightest Running

LockStitch Machine

IN THE UNITED STATES

THE LATEST INVENTION OF THE AGE.



PRICE, $50.00.

COMPETENT AGENTS WANTED THROUGHOUT THE NORTHWEST, IN ALL UNOCCUPIED TERRITORY.

We are giving the Most Liberal Terms of any Company in the UNITED STATES.

ALSO AGENTS FOR

DR. SAPP'S WALKING MOTION TREADLE.

For full particulars, with Descriptive Circulars and Terms to Agents, address

JOHNSON, CLARK & CO.,

157 STATE STREET, CHICAGO.

DEPARTMENT E.

Instruments and Machinery of the Useful Arts.

Section 1.

For Mining and Metallurgy, Boring, Drilling, Quarrying, Crushing, &c.

Department E, Section 2.

Machinery and Implements used in Agriculture, Horticulture, Floriculture, and Dairying.

51 C. AULTMAN & CO., Canton, Ohio, Reapers and Mowers, (*See adv't.*)

52 BENNETT, HARROW & CO., East Milan, Mich., Harrows.

53 F. D. BREWSTER & CO., Peru, Ills., Walking Cultivators and Plows.

54 BRIGGS & ENOCH, Rockford, Ills., Plows and Cultivators.

55 CHICAGO SCRAPER AND DITCHER CO., 56 LaSalle street, Chicago Manufactured at Maywood, Ill., Scraper and Ditcher Machine. (*See adv't.*)

56 CHICAGO PLOW CO., Archer ave. and Wallace st., Chicago, Plows.

57 JOHN DODDS & CO., Dayton, Ohio, Agricultural Implements.

58 EAGLE M'F'G CO., Davenport, Iowa, Corn Stalk Cutter, Sulky Rake, &c.

59 J. D. EASTER & CO., 70 S. Canal st., Chicago, Marsh Harvester. (*See adv't.*)

60 FURST & BRADLEY M'F'G CO., 57 — 61 N. Desplaines st., Chicago, Agricultural Implements. (*See adv't.*)

61 HALL, HUSKING GLOVE CO., 145 Clinton street, Chicago, Husking Gloves.

62 P. J. HYNES, 1821 State st., Chicago, Portable Fence.

63 W. S. INGRAHAM, 173 Clinton st., Chicago, Sickle Grinder.

64 JOHNSTON HARVESTER CO., Factory at Brockport, N. Y. Office, corner Beach and Sebor streets, Chicago, English Harvester, Mower, &c. (*See adv't.*)

65 C. H. McCORMICK, Chicago, Mowers and Reapers.

66 MAIERHOFER, DENT & CO., Ottawa, Ills., Plows.

67 ORVILLE L MASON, East Saginaw, Mich., Automatic Gate.

68 MOLINE PLOW CO., Moline, Ills., Plows and Cultivators.

69 MONITOR PLOW WORKS, Mineapolis, Minn., Monitor Plows.

70 F. K. ORVIS & CO., Dixon, Ills., Plows, &c.

71 W. H. PAYNE, corner Clark and Randolph streets, Chicago, Automatic Grain Binder.

72 J. F. ROWELL & CO., Beaver Dam, Wis., Seed Sowers, &c.

73 SPRINGFIELD M'F'G CO., J. W. Lane, supt., Springfield, Ills. Corn Planter.

74 SOULE, KRETSINGER & CO., Fort Madison, Iowa, Grain Cradles, Rakes, &c.

75 J. F. TEMPLE & SONS, corner Polk and Canal streets, Chicago. Pumps, Wooden Tubing, &c.

76 UNITED STATES WIND ENGINE AND PUMP CO., Batavia. Ills., Wind Mill Pumps, &c.

77 WALTER A. WOOD'S MOWING AND REAPING MACHINE CO., 206 Lake street, Chicago, Reapers and Mowers. (*See adv't.*)

78 WARDER, MITCHELL & CO., 59 Lake street, Chicago, Reapers and Mowers.

79 WARREN BROS., 349 State street, Chicago, Superior Mower.

80 WITHINGTON, COOLEY & CO., Jackson, Mich., Horse Rakes, Grain Cradles, &c.

Department E, Section 3.

VEHICLES, RAILWAY AND CAR FIXTURES, MOTORS ADAPTED TO STEAM, WATER, OR OTHER POWER, APPARATUS USED IN NAVIGATION, MODELS OF LIFE-BOATS, LIFE-PRESERVING APPARATUS, &c.

100 A. A. ABBOTT, cor. Beach and Sebor streets, Chicago, Self Rake, Reaper and Mower.

101 W. H. ALMAND, 140 Wood street, Chicago, Valve and Refitting Stuffing Box.

102 HENRY W. AUSTIN & CO., 221 S. Water st., Chicago, Pumps. (*See adv't.*)

103 BABCOCK MANUFACTURING CO., Chicago, Babcock Engines, &c. (*See adv't.*)

104 BANSHER & CO., 23 S. Water st., Chicago, Railway Ventilator.

105 WM. W. BATES, 384 Fifth avenue, Chicago, Machine for Bending Ship Knees. (*See adv't.*)

106 GEO. W. BOHANNON, 68 W. Madison street, Chicago, Buggies.

107 HUGH BRADSHAW, 209 W. Lake street, Chicago, Generator, &c.

108 BROWN BROS., cor. Clinton and Jackson sts., Chicago, Sprinklers for Extinguishing Fires.

109 CHICAGO MIDDLINGS PURIFIER CO., Chicago, Middlings Purifier.

110 CHICAGO SPRING WORKS, 235 S. Clinton st., Chicago, Locomotive Springs.

111 A. B. CLARK & CO., 402 W. Madison sts., Chicago, Carriages.

112 COAN & TEN BROEKE MANF'G CO., Chicago, Carriages and Buggies. (*See adv't last page.*)

113 COMSTOCK & CORY, 55 N. Jefferson street, Chicago, Model of Hay Press. (*See adv't.*)

114 WM. J. CREAMER & SON, 1 LaSalle street, Chicago, Railway Car Fixtures.

115 CRERAR, ADAMS & CO., 11 and 13 Fifth avenue, Chicago, Railway Equipments, Sleeping and Day Coach Trimmings, Head Linings, Plushes, Seat Springs, Hair, Waste, Car Heaters, Candles, Headlights, Lamps and Lanterns, Silver and Nickle Plating, &c. (*See adv't.*)

116 HENRY DISSTON & SONS, cor. Randolph and Market streets, Chicago, samples of Saws, &c. (*See adv't in class C.*)

117 FRANK DOUGLAS MANF'G CO., Chicago, Lathe and Moulding Machines, &c.

118 G. F. FOSTER, SON & McFARREN, 4 S. Market street, Chicago, Ship Machinery and Chandlery. (*See adv't.*)

119 GOBLE & CO., 14 State street, Chicago, Pumps.

120 GOULD MANF'G CO., Seneca Falls, N. Y., Pumps.

121 ROMIG GROTZ, 259 Third avenue, Chicago, Models of Grain Dryer, &c.

122 CHAS. A. GUMPH & CO., 51 S. Canal street, Chicago, Mill Picks, &c. (*See adv't.*)

123 CHRIS. HAAS, 82 Lake street, Chicago, Buggies.

124 F. HAINSWORTH & SON, 212 Monroe street, Chicago, Automatic Blowers, &c.

125 GEO. W. HANNIS, 74 Michigan street, Chicago, Hook & Ladder Truck.

126 JOHN HARDES, 65 and 67 S. Clinton st., Chicago, Anti-friction Glass Bearings.

127 J. C. HIGGINS, 165 Kinzie street, Chicago, Mill Picks.

128 H. B. HILL, 27 S. Clinton st., Chicago, Buggies.

129 HURLBUT & EDSALL, 44 and 46 River street, Chicago, Portable Gas Apparatus.

130 R. M. JOHNSON, 228 Lake st., Chicago, Hand Fire Extinguishers.

131 S. D. JONES, Blue Island, Cook Co., Lifting Jack.

132 JOHN H. KLINE, 50 W. Adams street, Chicago, Carriages. (*See adv't in class B.*)

133 JOSEPH LEWIS, Lake View, Cook county, Ills., Models Water Motor.

134 EDWARD LITTLE, Paxton, Ills., Brick Machine, Car Pusher, &c.

135 A. C. LOOMIS & CO., 275 S. Canal street, Chicago, Carriage Wood Stock.

136 FERDINAND MEHRMANN, 601 Archer ave., Water Wheel.

137 MERRILL & HOUSTON, Iron Works, Beloit, Wis., Houston Water Wheels. (*See adv't.*)

138 M. P. MILES, 22 Center avenue, Chicago, Water Wheels for Steamboats.

139 MILLER & PARSONS, 75 W. Randolph street, Chicago, Buggies.

140 MOLINE WAGON CO., Moline, Ills., Wagons, &c.

141 HENRY REDLICH, 377 N. Clark st., Chicago, Wooden Faucets, &c.

142 HENRY A. RICHARDS, 481 Madison street, Chicago, Escape and Hose Elevator.

143 PENNOYER SHAW & CO., 325 and 327 Wabash ave., Chicago, Square Box Top Wagon, ditto, unpainted, showing workmanship and material, Single Seat Speeding Wagon, Track Sulky. (*See adv't in class B.*)

144 SHAW LIPPINCOTT CARRIAGE MANF'G CO., Indianapolis, Ind., Carriages.

145 P. SCHUTTLER, 45 W. Monroe st., Chicago, Wagons. (*See adv't.*)

146 SILSBY MF'G CO., Seneca Falls, N. Y., Fire Engines.

147 SILVER & DENNING, Salem, Ohio, Horse Power Sawing Machine, &c.

148 HOWARD SLADE, 317 State street, Chicago, Buggies.

149 PHILO L. SMITH, 327 State st., Chicago, four specimens of Carriages.

150 SMITH & BENNEY, 13 Temple Pl., Boston, Boiler Furnace.

151 STEPHEN'S PATENT VISE CO., 91 Liberty street, Chicago, Stephen's Patent Vises, &c.

152 CHARLES H. STEWART, 607 Madison street, Chicago, Boomer & Boschert Presses.

153 N. L. STOW, 27 and 29 South Clinton street, Chicago, Wood Materials for Carriages, &c.

154 STUDEBAKER BROS., South Bend, Ind., Carriages, Wagons, &c.

155 J. S. TOWER, 105 South Clinton street, Chicago, Buggies.

156 UNION OMNIBUS AND WAGON M'F'G CO., Cincinnati, O., Ice Wagons.

157 E. WARE, Waupun, Wis., Buggies.

158 C. W. WASSON, Friendship, Alleghany Co., N. Y., Mortar Grinder.

159 HENRY E. WILLETTS, 80 and 82 Twelfth st., near State, Chicago, Landaus, Cupeletts and Buggies of his own manufacture. (*See adv't.*)

225 THE EXCELSIOR GAS MACHINE. Manufactory, Warren, Mass. R. Doolittle, Western Manager, 147 State street, Chicago. Gas Machines which make the Gas used for lighting the Art Hall.

160 G. WETTERLUND, 151 W. Lake street, Chicago, Carriages.

Department E, Section 4.

Machinery in Motion Requiring Steam Power.

180 AMES IRON WORKS, 70 South Canal street, Chicago, Portable Engines, &c. (*See adv't.*)

181 C. AULTMAN & CO., Canton, Ohio, Threshing Reaper. (*See adv't.*)

182 BIRDSELL M'F'G CO., South Bend, Ind., Clover Thresher, Cleaner &c.

183 W. W. BOYINGTON, Chicago, Gas Machine.

184 BRAYLEY & PATTERSON, corner Beach and Sebor streets, Chicago, Thresher, Feed Cutters, &c. (*See adv't.*)

185 BUCKEYE ENGINE CO., Salem, Ohio, Portable Engines, &c.

186 CHALLENGE MILL CO., Batavia, Ill., Feed Mill, &c.

187 CHAMPION SMUT MILL CO., Chicago, Smut Mill.

188 CHICAGO TAYLOR PRINTING CO., Chicago, Printing Press, &c.

189 LEVI J. COLBURN, Chicago, Confectionery, &c.

190 M. CROSS, Waupun, Wis., Chair Machine.

191 DAVEY & GRISWOLD, Janesville, Wis., Gas Generator.

192 R. DOOLITTLE, Detroit, Mich., Gas Machine.

193 J. D. EASTER & CO., 70 South Canal street, Chicago, Marsh Harvester. (*See adv't.*)

194 FARINA M'F'G CO., Chicago, Maccaroni, Vermicelli, &c.

195 FROST M'F'G CO., Galesburg, Ill., Steam Pumps, &c.

196 GARDNER & ROBERTSON, Quincy, Ill., Steam Engine Governor.

197 GLOBE ENGRAVING WORKS, Factory 69 South Canal street, Chicago, Medal Press, Gold and Silver Badge Work, &c. (*See adv't.*)

198 JAMES F. GORDON & CO., Rochester, N. Y., Self Binding Harvester.

199 WM. L. GREGG, 77 Dearborn street, Chicago, Excelsior Brick Press.

200 CHAS. A. GUMPH & CO., 51 South Canal street, Chicago, Emery Machines, &c. (*See adv't.*)

201 SAMUEL HARRIS & CO., 51 W. Washington street, Chicago, Steam Engine, &c.

202 HEATH & HOBKIRK, 166 E. Randolph street, Chicago, Emery Machines. (*See adv't.*)

203 HOLTSLANDER, RANDALL & DANIELS, 229 Carroll street, Chicago, Stair Case and Elevator.

204 JOHNSTON HARVESTER CO., Chicago, Johnston Harvester. (*See adv't.*)

205 CHAS. KAESTNER & CO., 58 South Canal street, Chicago, Flour and Feed Mill.

206 JOHN KELLEFER, Bloomington, Ill., Bolt and Nut Threshing Machine.

207 KENT, BALWDIN & CO., South Chicago, Ill., Woolen Machinery.

208 JOSEPH LEWIS, Lake View, Ills., Model Engine.

209 LEWIS OLIVER & PHILLIPS, Pittsburg, Pa., Bolt Machinery.

210 LUCIEN C. COLBY, Chicago, Medal Stamping Machine.

211 LYMAN & SILVERMAN, 625 Lake street, Chicago, Coffee Mill.

212 MARDER, LUSE & CO., 139 and 141 Monroe street, Chicago, Printing Press, &c. (*See adv't in Class E.*)

213 FRED. P. MARKHAM, Buffalo, N. Y., Young America Harvester.

214 J. MERRIMAN, 56 and 58 Canal street, Chicago, Steam Pumps, &c. (*See adv't.*)

215 WM. L. MOODY, cor. Clinton and Monroe streets, Chicago, Rotary Engine.

216 NORTHAMPTON EMERY WHEEL CO., Leeds, Mass., Emery Wheel Machinery. (*See adv't.*)

217 NATIONAL WATCH CO., Watch Factory.

218 GEO. H. NYE, Beloit, Wis., Steam Vacuum Pumps.

219 ALEX. ORME, 72 School street, Chicago, Safety Valve for Steam Boilers.

220 ORR & LOCKETT, 170 Clark street, Chicago, Meat Choppers, &c.

221 WM. OWEN & SON, 59 N. Wells st., Chicago, Steam Pumps, &c.

222 PERRY, MORRIS & SULTZER, 136 State st., Chicago, Printing Press, &c.

223 A. V. PITTS & CO., 11 and 13 S. Jefferson street, Chicago, Agricultural Machinery. (*See adv't.*)

224 A. PLAMONDON, 61 S. Clinton street, Chicago, Mill Machinery. (*See adv't.*)

225 PLUMB, BURDICK & BARNARD, Buffalo, N. Y., Bolt Machinery.

226 RAND, McNALLY & CO., Chicago, Printing Press, &c.

227 HENRY REDLICH, 377 North Clark street, Chicago, Cork Cutting Machine.

228 SAMUEL REED, 72 School st., Chicago, Adjustable Slide Valve.

229 REED & PARKER, 105 and 107 Madison street, Chicago, Printing Press, &c.

230 A. H. REEVES, 101 Harrison street, Chicago, Gold Leaf and Foil.

231 SMITH BROS., 358 Carroll street, Chicago, Washing Machine.

232 W. T. SMITH & CO., 100 16th st., Chicago, Printing Press, &c.

233 TOWER, CLAASSEN & CO., Canton, Ohio, Printing Press, &c.

234 VANT, COOK & CO., 125 W. Randolph street, Chicago, Threshing Machines, &c.

235 VICTOR BRICK MACHINE CO., Chicago, Victor Brick Machine.

236 WARDER, MITCHELL & CO., 59 West Lake street, Chicago, Reapers and Mowers.

237 WALWORTH, BROOKS & CO., 243 and 245 Lake st., Chicago, three Upright Engines, two Steam Pumps, complete assortment of Well and Cistern Pumps, Hydraulic Rams, Valves, Fittings, &c., for Steam, Gas and Water, a complete assortment of Gas and Steam Fitters' Tools, samples of Rubber Belting, Hose, &c., Leather Belting, Wrought Iron Pipe for Steam, Gas and Water, Radiators for Steam Heating, and Steam Governors. (*See adv't in Class C.*)

238 W. H. WELLS & BROS., 48 Franklin street, Chicago, Glass Cutting Machine.

239 WALTER A. WOOD MOWING AND REAPING MACHINE CO., Chicago, Single Mowers, Single Reapers, Combined Self-Raking Reapers and Mowers, Combined Mowers with Dropper Attachment. (*See adv't.*)

240 WILLIAMS & ORTON MAN'F'G CO., Sterling, Ill., Pulleys, Hangers, &c.

Department E, Section 5.

SEWING, KNITTING, SPINNING, WEAVING, AND OTHER MACHINES, IN MOTION, NOT REQUIRING STEAM POWER, &c.

251 THOMAS BARROWS & CO., 381 W. Madison street, Chicago, Victor Sewing Machine.

252 WM. W. BATES & CO., 384 Fifth ave., Chicago, Samples of Bent Ship Timber, Models of Machinery for bending Ship Timber, Models of Vessels, &c., Shell Boats, Nelson's Patent Duck Preserver to protect Sails, Awnings, Tents, &c. (*See adv't.*)

253 CALKIN'S CHAMPION WASHER CO., 191 S. Clark street, Chicago, Washer and Wringer. (*See adv't in Class B.*)

254 O. C. CHASE, 150 State street, Chicago, Perkin's Eureka Ruffler.

255 DAVIS SEWING MACHINE CO., Watertown, N. Y. Branch Office, 358 Wabash avenue, Chicago, 12 styles of their Machines, and a show case of samples of needle work. (*See adv't.*)

256 FARRAR & WHEELER, 155 State street, Chicago, different styles of Wheeler and Wilson Sewing Machines, and samples of their work. (*See adv't.*)

257 L. FOSS, 61 Chicago avenue, Chicago, Gate for Swinging Bridges.

258 H. C. GOODRICH, corner State and Jackson streets, Chicago, H. J. Whitcomb, manager, Sewing Machine Attachments, of his own manufacture. (*See adv't.*)

259 GREENLEE BROS. & CO., 229 & 231 W. Twelfth street, Chicago, Planing Machine Clamps, &c.

260 GROVER & BAKER SEWING MACHINE CO., 150 State st., Chicago, Grover and Baker Machines.

261 HOME SEWING MACHINE CO., corner State and Jackson sts., Johnson, Clark & Co., Agents, Sewing Machines, samples of work, and Dr. Sapp's Walking Motion Treadle. (*See adv't.*)

262 JOHNSON, CLARK & CO., 157 State street, Chicago, Home Sewing Machines. (*See adv't.*)

263 J. H. LEROW, 256 State street, Chicago, Blees Sewing Machines, and samples of work.

264 A. W. PERRY & CO., 337 W. Madison st., Chicago, Water Motor.

265 WM. H. SHARP & CO., 204 State st., Chicago, Florence Sewing Machines.

266 SINGER SEWING MACHINE CO., State street, Chicago, Singer Sewing Machines. (*See adv't.*)

267 STAR TUCKER CO., 180 E. Adams st., Chicago, Tuck Marker.

268 THE HOWE MACHINE CO., New York, Elias J. Howe, Jr. Chicago office, cor. State and Jackson streets, J. O. Bryant, manager, Sewing Machines and samples of work. (*See adv't.*)

269 THE REMINGTON EMPIRE SEWING MACHINE CO., of Illion, N. Y., Chicago office, E. Lathrop, manager, 285 State street, seven styles of their machines and samples of work. (*See adv't in Class B.*)

270 WEED SEWING MACHINE CO., Hartford, Conn., Northwestern Office, 152 State street, Chicago, Machines and samples of work.

271 WILCOX & GIBBS, 39 S. Clark street, Chicago, Wilcox & Gibb's Sewing Machines.

272 WILSON SEWING MACHINE CO., 197 State street, Chicago, Wilson Sewing Machines.

273 F. R. WOLFINGER, cor. Lincoln and Kinzie streets, Chicago, Sewing Machine Furniture.

N. B.—Names of exhibitors in this department not entered above, will be found in the appendix.

CLASS E.

PETER SCHUTTLER,

MANUFACTURER OF

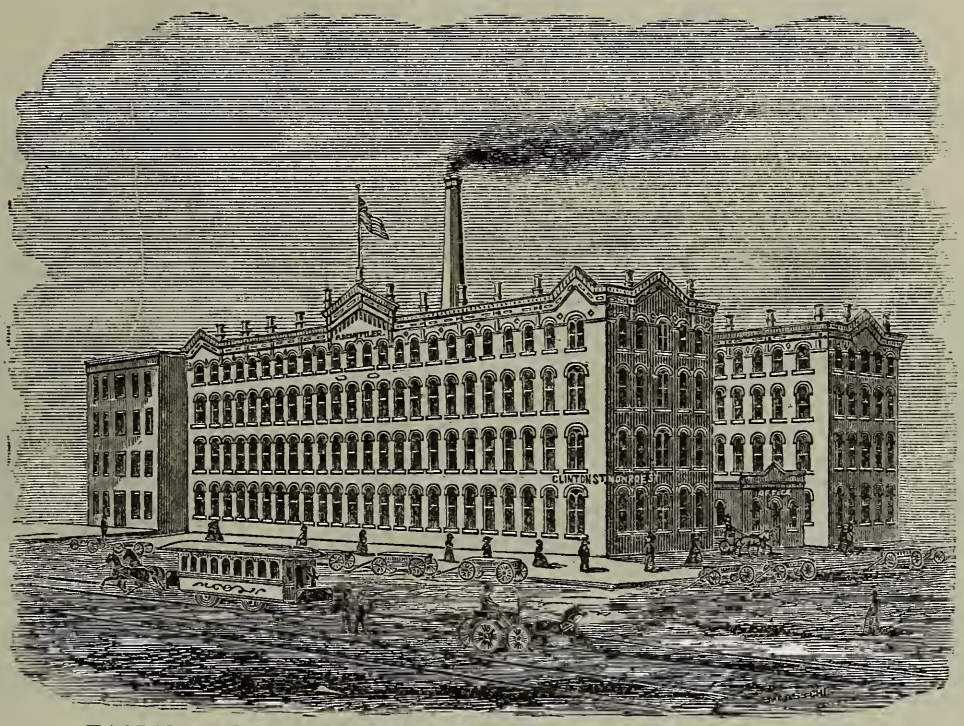
FARM AND FREIGHT

WAGONS.

OFFICE,

45 WEST MONROE ST., CHICAGO.

ESTABLISHED 1843.



FACTORY, NORTH-EAST CORNER CLINTON AND MONROE STS.

ALL WORK WARRANTED.

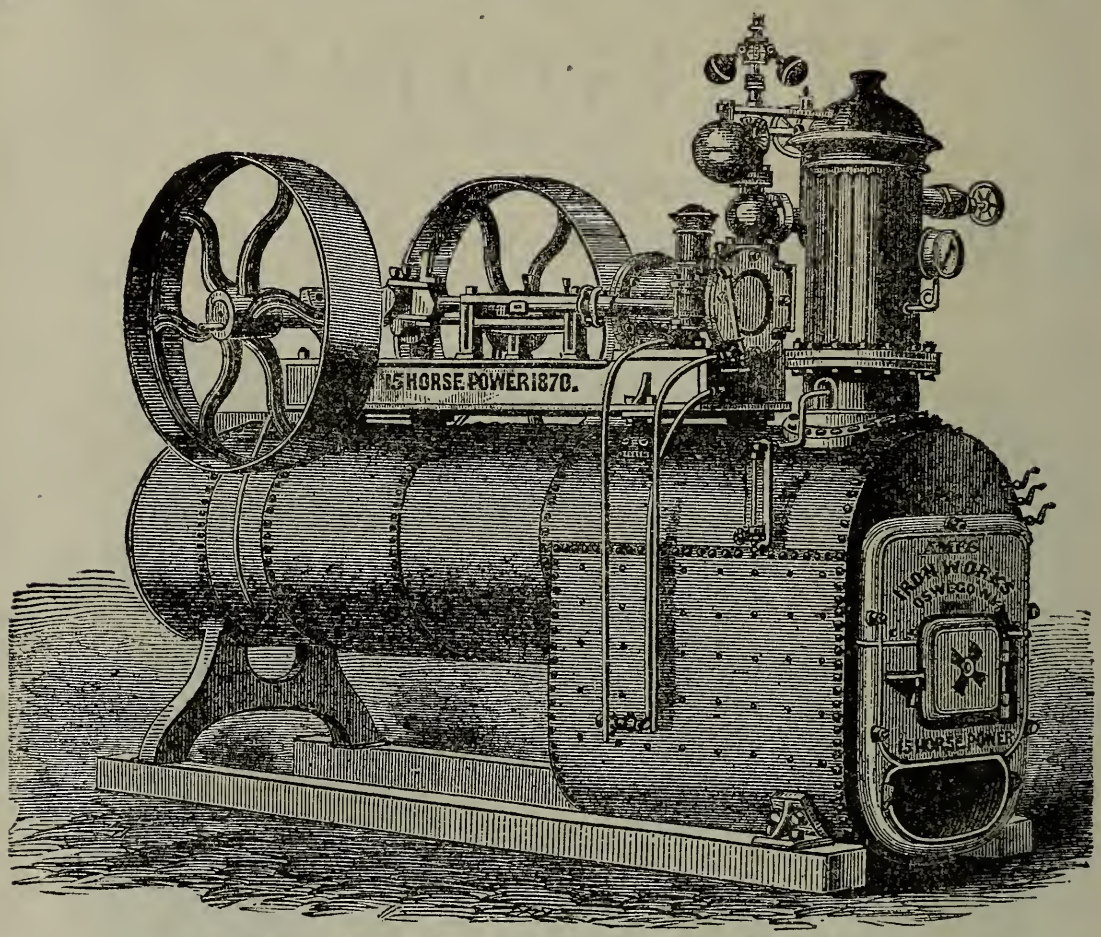
Thirty years' experience and five years' stock constantly on hand, justifies me to claim for my wagons

SUPERIORITY!

over any and all others.

AMES'

Portable AND Mounted Engines.



3 TO 40 HORSE POWER.

8 & 10 HORSE POWER MOUNTED ON WHEELS FOR THRESHING,

KEPT IN STOCK.

ALL SIZES MOUNTED ON IRON OR WOOD WHEELS TO ORDER.

OVER 1,500 NOW IN USE.

All giving the highest satisfaction. None but the very best material are used in their construction. All parts are made to a standard gauge, so that perfect duplicates can be obtained at any time. All Boilers are tested with 150 pounds cold water pressure, and then steamed up and the engine worked with 120 pounds steam, until known to be perfect.

ALL PERSONS WANTING A No. 1 FIRST-CLASS ENGINE SHOULD GET THE AMES.

THE BEST ARE ALWAYS THE CHEAPEST.

Send for an Illustrated Circular and Price List.

COLLINS EATON,

70 South Canal Street, Chicago, Ills.

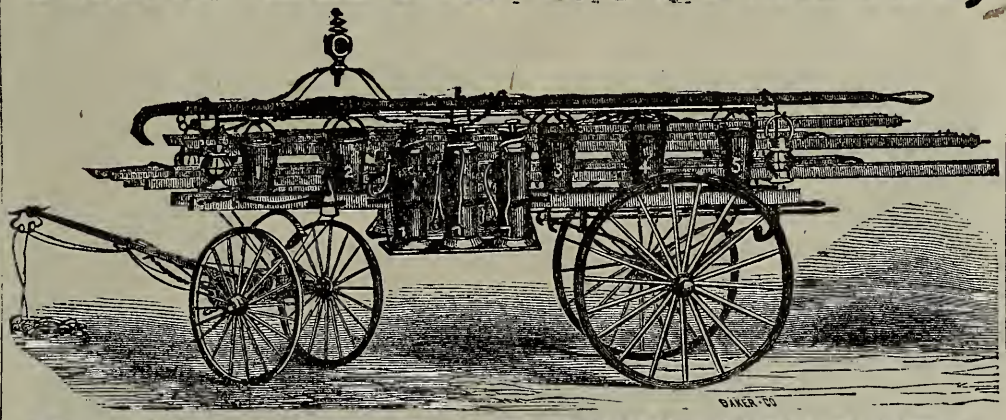
"ABSOLUTELY THE BEST PROTECTION AGAINST FIRE."

THE BABCOCK

PORTABLE

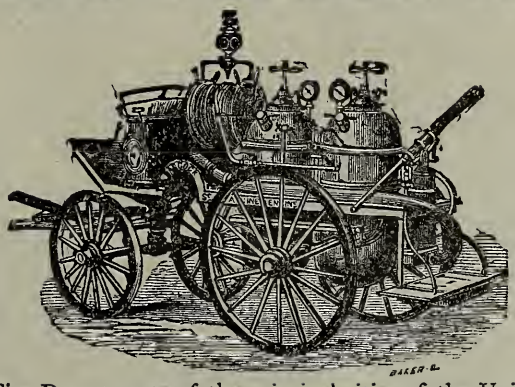
SELF-ACTING

FIRE EXTINGUISHERS,



HOOK AND LADDER TRUCKS

ENGINES,



ENGINES,

In daily use by the Fire Departments of the principal cities of the Union. The Government has adopted them. The leading Railways use them.

Send for "Their Record."

81 & 83 Washington Street, Chicago.
407 Broadway, New York.

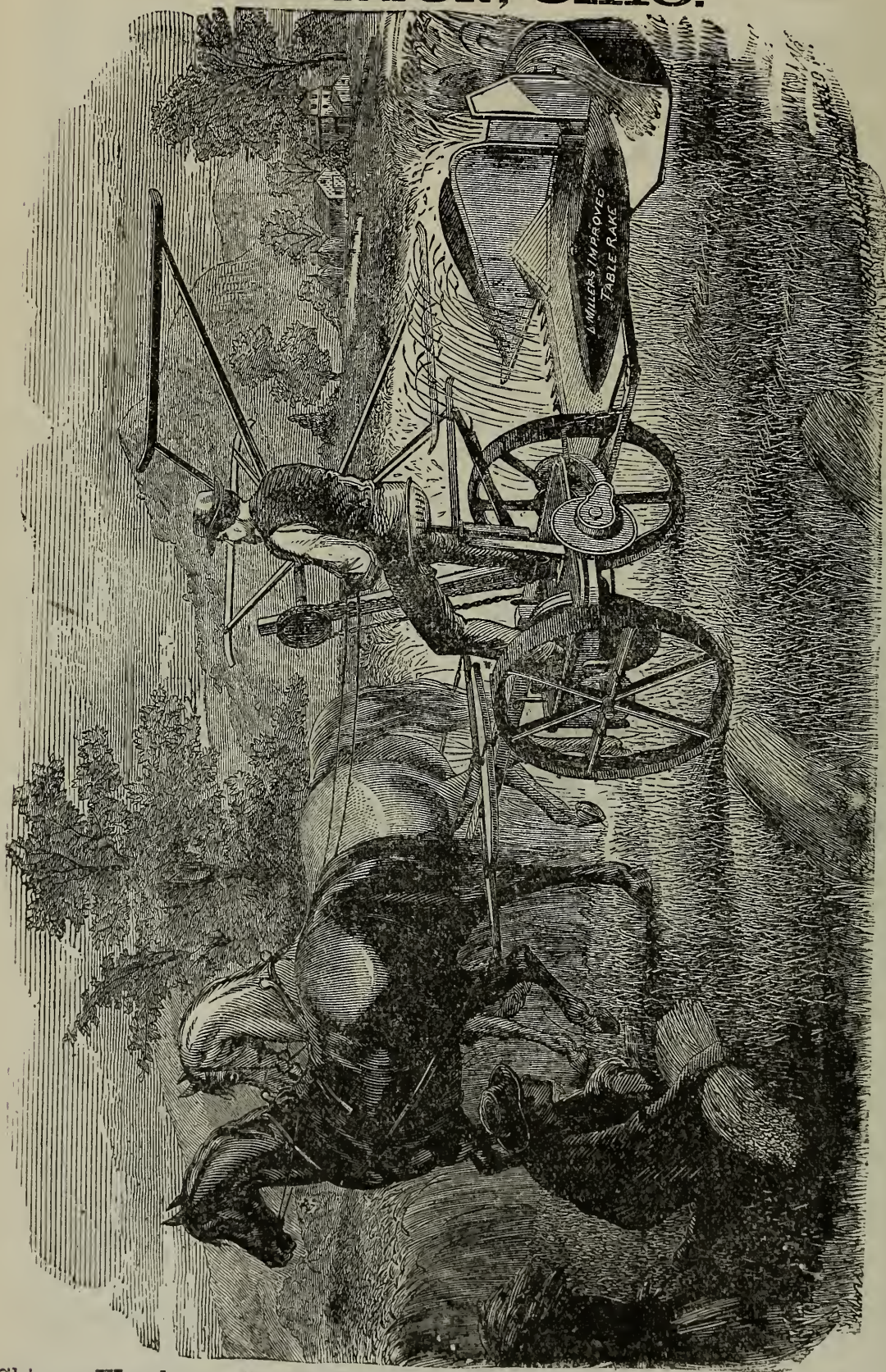
The Babcock M'fg, Co.

C. AULTMAN & CO.,

Manufacturers of the world renowned

Buckeye Reaper and Mower AND Sweepstakes Thresher,

CANTON, OHIO.



MILLER'S IMPROVED TABLE RAKE.

Chicago Warehouse, Corner Beach and Mather Sts., D. B. WHITACRE, Ag't.

Look at our NEW Machine!

THE HOWE

MACHINE CO.'S

(ELIAS HOWE, Jr.,)

WORLD-RENOWNED

HOWE SEWING MACHINES.

GENERAL WESTERN OFFICE,

STATE AND JACKSON STS., CHICAGO.

These renowned Machines always recommend themselves favorably to the general public. Being the oldest extant, they are unquestionably the most popular Machines in use; and produced as they are from the grand mechanical genius of Elias Howe, Jr., "The Inventor of the Sewing Machine," they possess many points of excellence, which, for purposes of sewing, render them superior to any other make, and which has made them world-renowned. The qualities which recommend them are their thorough and mechanical construction, simplicity and ease of management, strength, beauty and evenness of stitch, elegance of style and finish. Our terms of sale are as liberal as are known to the trade, and all are invited to examine our Machines before purchasing.

THE HOWE MACHINE CO.,

J. O. BRYANT, Manager. State & Jackson Sts., CHICAGO.

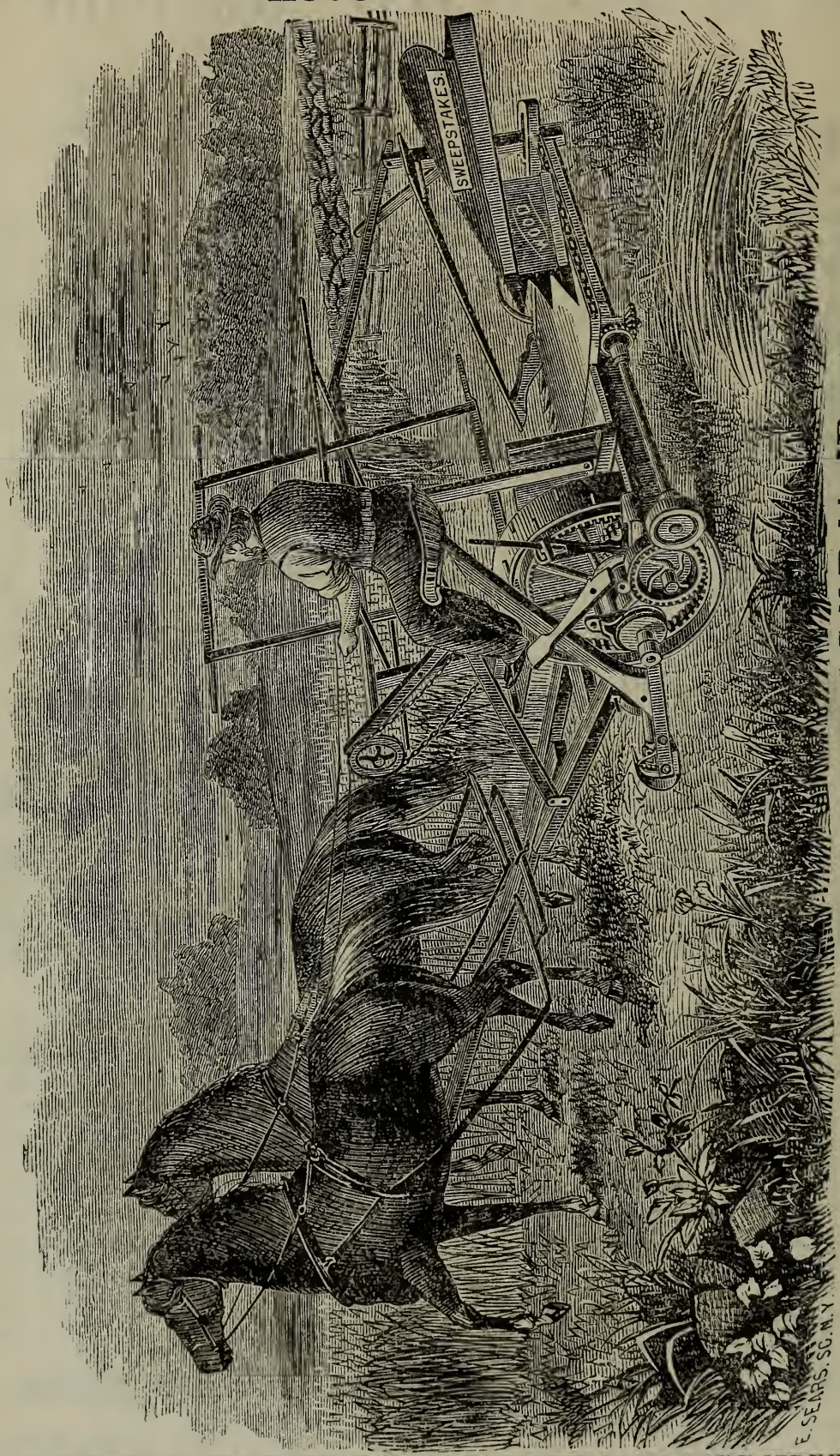
N. B.—Persons residing in districts where we are not represented, will please address us for Illustrated Price List, which will be mailed free.

AGENTS WANTED!

WALTER A. WOOD'S
MOWERS AND REAPERS,

MANUFACTURED BY WALTER A. WOOD MOWING AND REAPING MACHINE CO.,

HOOSICK FALLS, N. Y.



Walter A. Wood's Improved Self-Raking Reaper.

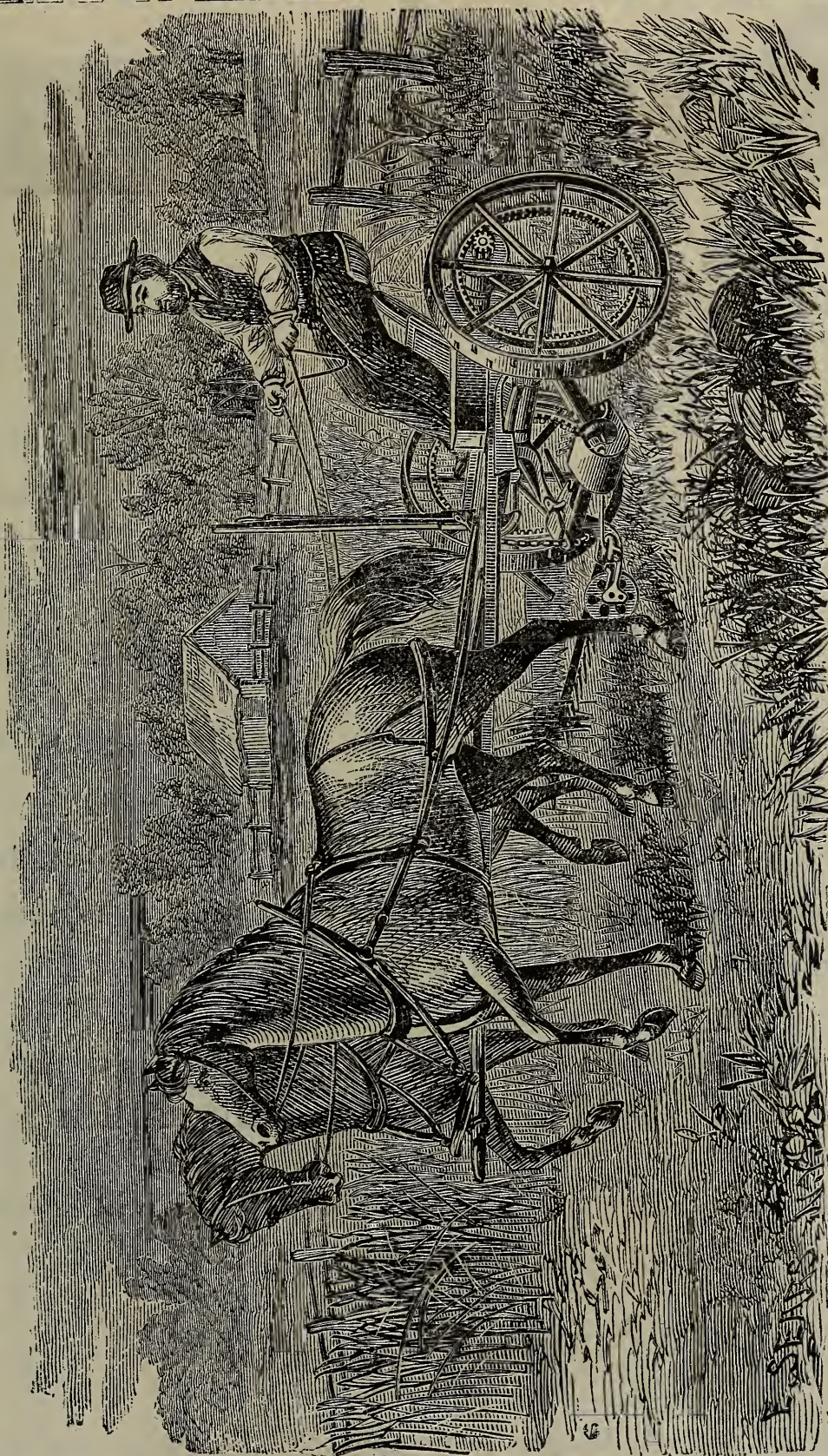
With the above machine can be furnished, when desired, a separate Mowing Attachment, consisting of a Frame with Gearing, and a complete Finger-Bar with Cutting Apparatus. Only the Ground Wheels, Seat and Pole of the Reaper are used to make of the Attachment an independent Two-Wheel Jointed-Bar Mower, thus affording the farmer **Two** almost separate and distinct Machines, **at the Price of One** ordinary Combined Machine, an important advantage in favor of this machine, over any other Combined Machine in the market.

Branch Offices: } *CHICAGO, ILLS., 206 LAKE STREET.*
ST. LOUIS, MO., 20 SOUTH MAIN STREET.
MADISON, WIS., 23 KING STREET.

THE LEADING HARVESTING MACHINES IN THE WORLD

WALTER A. WOOD'S

MOWERS AND REAPERS.



WALTER A. WOOD'S NEW IRON FRAME MOWER.

Long continued success in practical use is the unfailing test of merit, and the immense sale of and constantly increasing demand for the Walter A. Wood Harvesting Machines, attest in the most thorough manner the perfection of their principles, their great durability and entire reliability for all requirements of the harvest field.

1853.—TWENTY-ONE YEARS IN SUCCESSFUL USE.—1873.

190,000 of these Celebrated Machines have been sold. — *Over 20,000 Sold in 1873.*

GENERAL WESTERN OFFICE,

206 LAKE STREET, CHICAGO, ILL.

MORTON HULL & CO.,

GENERAL AGENTS,

63 LAKE, CORNER STATE STREET

CHICAGO.

This Scale will be on exhibition at the Inter-State Industrial Exposition, to be held at Chicago, September 20 to October 20, at which time we will take pleasure in demonstrating to any who may be interested, why they are

SUPERIOR TO ANY SCALE IN THE MARKET

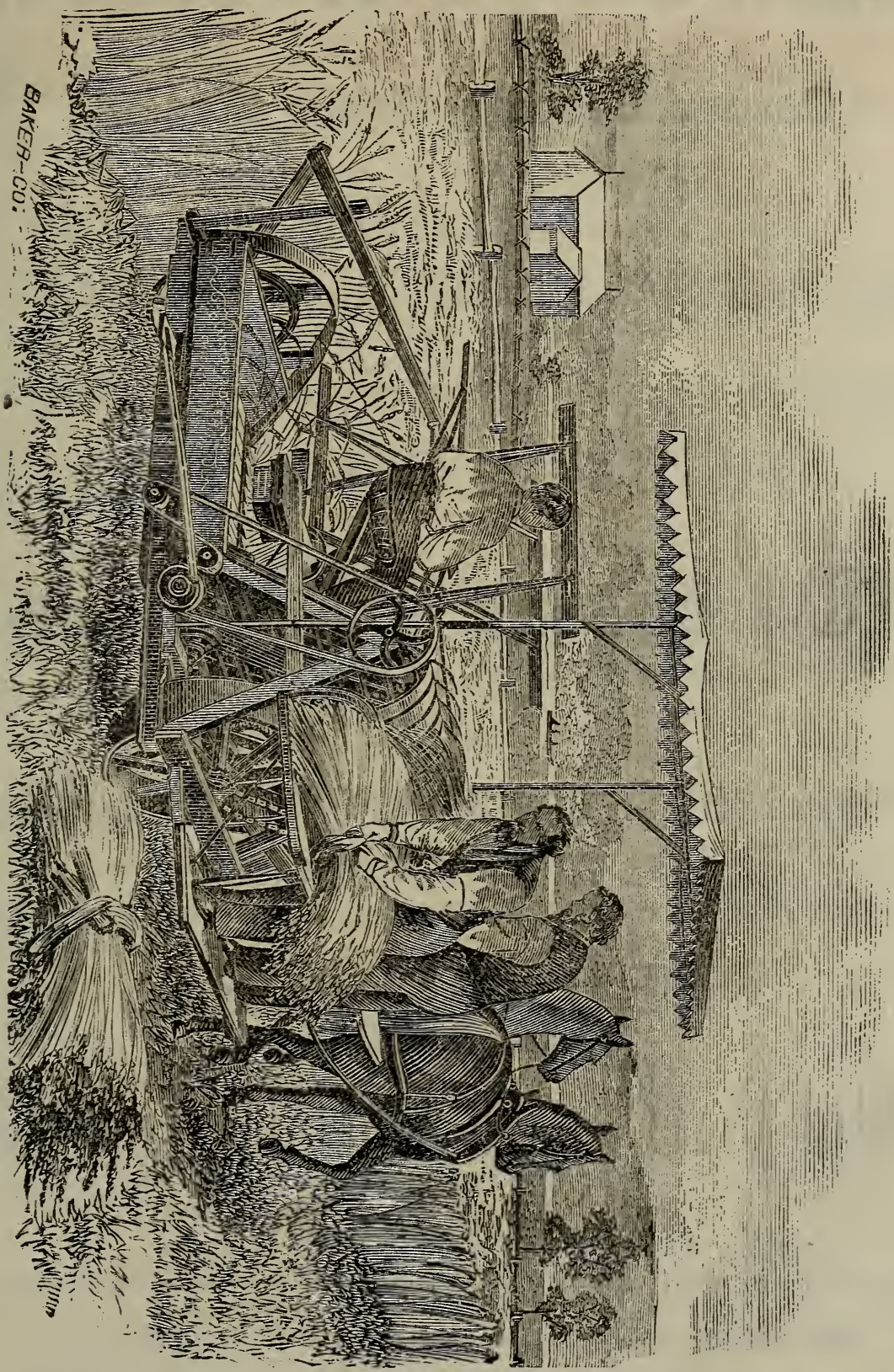
And as there will be other scales on exhibition, it will afford an opportunity to test them thoroughly on their

PRACTICAL MERIT.

Give yourself time to become fully satisfied, and all we ask is, demand a TEST on the POINTS we claim.

THE MARSH HARVESTER.

Unexcelled in Style, Unapproachable in Merit, and Unequalled by None. The only real Labor-Saving Harvester in use. The demand extraordinary; to supply orders for the past harvest was an impossibility Arrangements are now in progress to furnish an ample quantity for 1874.



For full particulars regarding Machines and Agencies, address

J. D. EASTER & CO.,

70 South Canal Street, CHICAGO.

CLASS E.

BRAYLEY AND PATTERSON,

WAREHOUSE,

Corner Beach & Sebor Streets,

CHICAGO, ILLS.

Western Branch, PITTS' AGRICULTURAL WORKS, Buffalo, N. Y.,

HAVE ON HAND A FULL SUPPLY OF ALL SIZES OF THE RENOWNED

BUFFALO PITTS'

Threshing Machines,

HORSE POWERS,

WOOD AND LOG SAWING APPARATUS, &c., &c.

ARE ALSO WESTERN AGENTS FOR THE

ROCHESTER, N. Y., AGRICULTURAL WORKS CELEBRATED

FEED CUTTERS,

POWER AND HAND, AND FOR THE

AMERICAN MEAT AND VEGETABLE CHOPPER,

Meat and Fruit Press,

Manufactured by the ATHOL, (Mass.,) Machine Company.

ORDERS SOLICITED AND THE TRADE SUPPLIED.

JAMES BRAYLEY,
BUFFALO, N. Y.

L. PATTERSON,
CHICAGO, ILL.

Howe's U. S. Standard Scales.

We invite a close comparison with any other make, for we have improvements that cannot be found (or be used, being pat'd,) in any other.

They have been adopted by the U. S. Government, who have over 6,000 of these improved scales, and use them in every department.

They have always taken the First Premium in competition with other scales.

REPORT OF COMMITTEE ON

HOWE'S STANDARD SCALES,

AT THE

VERMONT STATE FAIR, 1871,

Held at St. Johnsbury, Vt.

The Brandon Manufacturing Co., Brandon, Vt.:

"This Company exhibit an unusually large variety of Howe's Standard Scales, and your Committee award them *for their valuable improvements, not possessed by other manufacturers, the highest premium—A Silver Medal.* This Company are deserving of the highest credit for their great energy, perseverance and liberality, in approaching so near perfection in the manufacture of these useful and indispensable articles, which for accuracy, durability and finish are unequalled."

REPORT OF COMMITTEE ON

HOWE'S STANDARD SCALES,

AT THE

EXHIBITION OF THE N. E. AGRICULTURAL SOCIETY,

Held at Lowell, Sept. 5, 6, 7 and 8, 1871.

"*Awarded to the Brandon Manufacturing Co., Brandon, Vermont, for their unequalled exhibition of HOWE'S STANDARD SCALES, the*

FIRST PREMIUM---SILVER MEDAL.

The *accuracy*, the *durability*, the *finish* and *prices* of these Scales, should recommend them to all classes; from the heavy shipping merchant in the metropolis, to the farmer away back in the country. In our opinion this Company is aiming to reach the wants of all, and is deserving of large patronage."

REPORT OF THE JUDGES OF THE

SAN FRANCISCO MECHANICS' INSTITUTE FAIR FOR 1869.

V. S. W. PARKHURST, *Agent of Howe's Standard Scales, San Francisco:*

"The self-adjusting bearings ensure an equal strain upon the knife edges, while in use, and the chilled-iron balls, "by dispensing with the use of check-rods, lessen the liability of the movement to obstruction. *We think it destined to supersede all other Scales* in use. Awarded the first premium: A Silver Medal."

We offer our scales upon their OWN MERITS, and hope that all will examine them, and shall be pleased to explain our improvements to all. Please examine our goods and call for one of our circulars.

A. M. GILBERT & CO.,

Warehouse, 38 State Street.

A display of but a portion of our goods can be made at the Exposition,—the space being limited,—but we ask attention to those lines, and to all who call we will give a record of their weight by

THE U. S. STANDARD.

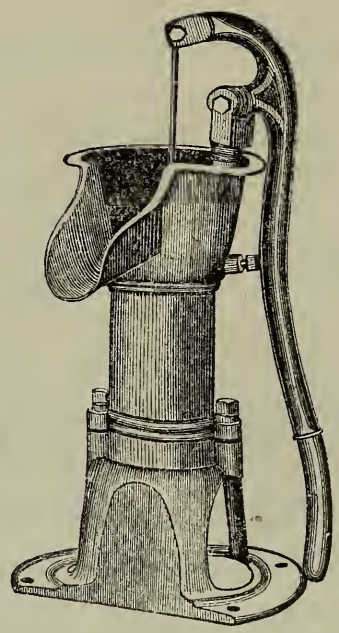
H. W. AUSTIN & CO.,

221 & 223 S. Water Street, - CHICAGO, ILL.,

GENERAL AGENTS OF

The Gould's Manufacturing Co.,

SENECA FALLS, N. Y.



We have a full line of Pumps and other Goods made by the Gould's Manufacturing Company, Cistern and Pitcher Pumps, Set-length Pumps, for out-door cisterns and drive-wells; Deep Well Pumps, from 20 to 200 feet deep; Engine Well and Deep Well Force Pumps; Iron and Brass Force Pumps, for house use; Windmill and Rail Road Force Pumps; Rotary, Hand and Power Pumps; Rotary Fire Pumps, for Mills, Factories, etc.; Boiler Pumps, for hand and power.

We sell the best Steel Amalgam Bell in the market, for Churches and School Houses. We keep a large line of Wrought and Cast-Iron Jack Screws, Cider Mill Screws, etc.; in fact, we keep the only full line of Screws kept in this market. In addition to our large line of the above mentioned goods, we keep in full supply all the goods usually connected with that branch of trade, such as Fittings of every description, Lead Pipe, Rubber Hose of every size and quality, both two and three ply.

WE MAKE A SPECIALTY OF GAS PIPE.

We keep every size, both plain and galvanized, at the lowest market rates. Owing to our handling the best make of Pipe in the market, our trade has nearly doubled in the past year. A large stock af Wood Pumps on hand, price list of which will be sent on application. We have the exclusive sale in this market of

BURRALL'S PATENT IRON CORN SHELLER,

The cheapest Hand Sheller in the market. We desire to call attention to our

Hocking Valley Cider Mill and Press Combined,

Considerably improved, better finished, and far superior to our last year's mills. We have this year made full and ample arrangements to execute all orders promptly. We have overcome all of our last year's difficulties, and can furnish our customers a mill worthy of recommendation.

THE

JOHNSTON HARVESTER CO.,

MANUFACTURERS OF

JOHNSTON'S

HARVESTERS!

SINGLE REAPERS,

SINGLE MOWERS,

COMBINED MACHINES,

SELF-RAKERS.

See the Machines in the Exposition Building.

FOR LOCATION, SEE CATALOGUE.

FACTORY AT BROCKPORT, N. Y.

WESTERN OFFICE:

COR. BEACH AND SEBOR STREETS,

CHICAGO, ILL.

SAMUEL JOHNSTON,
President.

A. J. GLASS,
Manager Western Office.

FRANK STURGES. OLIVER H. LEE. WM. S. POTWIN.

THE

Chicago Stamping and Tinning Works.

FRANK STURGES & CO.,

Proprietors.

MANUFACTURERS OF

Tinned Iron Ware,

STAMPED AND JAPANNED TIN WARE,

Tinners' Trimmings, &c.

IMPORTERS OF

TIN PLATE & METALS.

JOBBERS OF

Tinners' Tools, Machines and Findings.

OFFICE AND SALESROOMS,

72, 74 & 76 LAKE STREET

CHICAGO.

PROVIDENCE TOOL CO.,

PROVIDENCE, R. I.

WM. H. HASKELL & CO., Pawtucket, R. I.
A. W. GIFFORD & CO., Worcester, Mass.
RHODE ISLAND NUT CO., Providence, R. I.
THE READING BOLT & NUT WORKS, Reading, Pa.

MANUFACTURERS OF

HOT & COLD PRESSED NUTS, GIMLET POINT COACH SCREWS.

Washers, Chain Links, Bolts, Set Screws, Pick Axes, Can Rings, Strap & T and Plate Hinges, Screw Hook and Strap Hinges, Threshing Machine Teeth, Hooks and Thimbles, Clinch Rings. Connecting Shackles, Ship Scrapers, Marline Spikes, etc.-Police Hand Cuffs and Ankle Shackles.

H. B. NEWHALL, Agent, 11 Warren Street, New York.

S. H. & E. Y. MOORE, Agents,

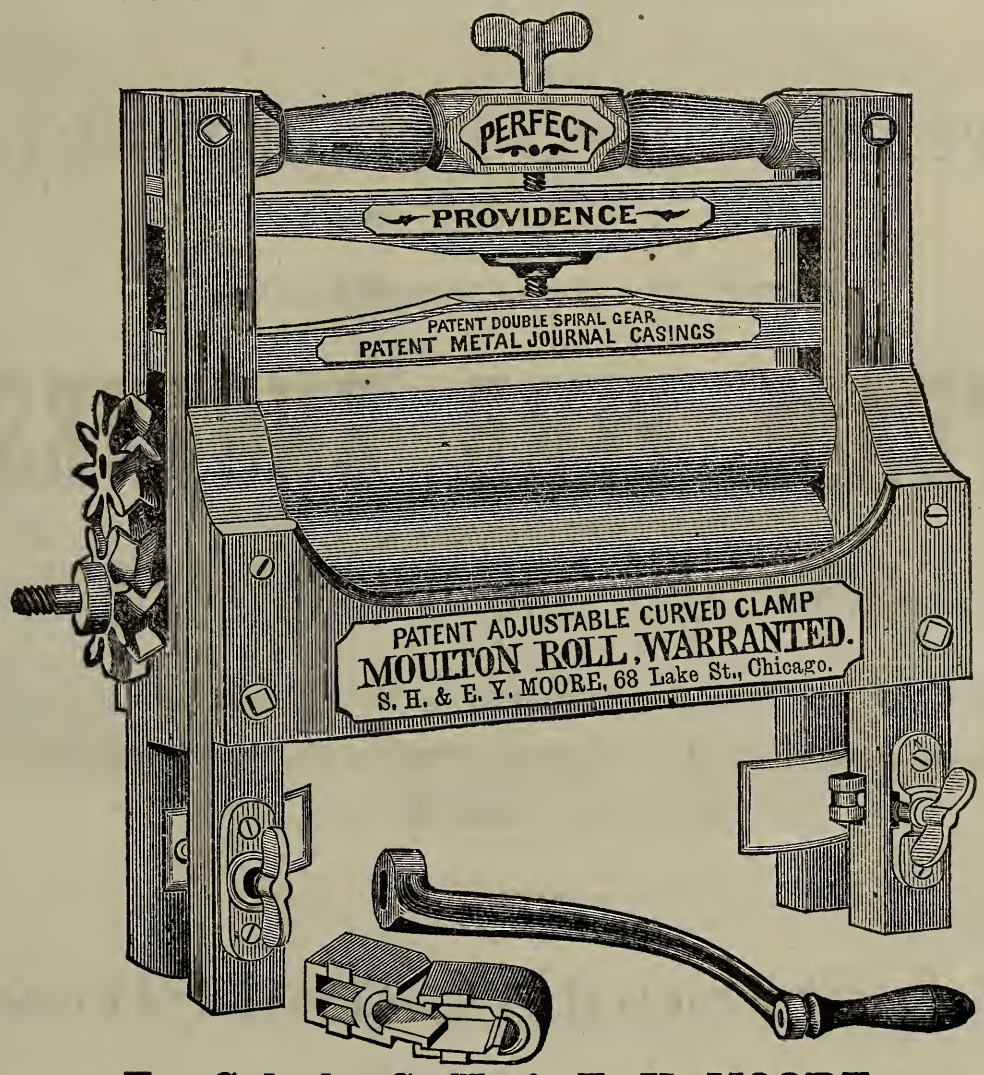
68 Lake Street, CHICAGO.

HOWARD PARALLEL BENCH VISE

Manufactured at HOWARD IRON WORKS, BUFFALO, N. Y.

For Sale at Manufacturers' Prices by

S. H. & E. Y. MOORE,
68 Lake Street, CHICAGO.



For Sale by S. H. & E. Y. MOORE,
Dealers in Heavy Hardware, Ship Chandlery, Clothes Wringers, Etc.
68 Lake Street, CHICAGO.

J. G. MERRIMAN,

56 and 58 So. Canal Street, - - CHICAGO.

GENERAL WESTERN AGENTS FOR THE

WHITESBORO IRON WORKS,
COPE & MAXWELL MAN'F'G CO.,
GUTTA PERCHA & RUBBER MAN'F'G CO.,
COLE BROS. STEAM FIRE ENGINES.

STEAM PUMPING MACHINERY.

COLE BROTHERS'

STEAM FIRE ENGINES,

CARBOLIZED FIRE ENGINE HOSE,

Adopted by the Fire Departments of New York, United States Navy, Brooklyn, Washington, Pittsburgh, San Francisco, Milwaukee and Chicago.

56 & 58 South Canal Street,

CHICAGO.

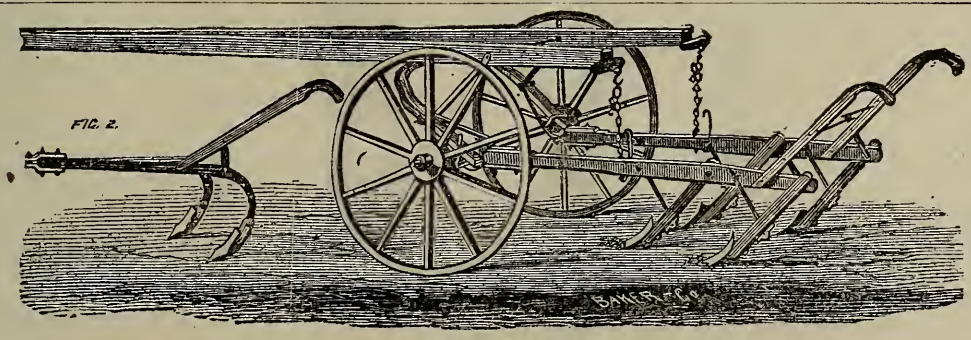
FURST & BRADLEY,

Manufacturers of the Celebrated

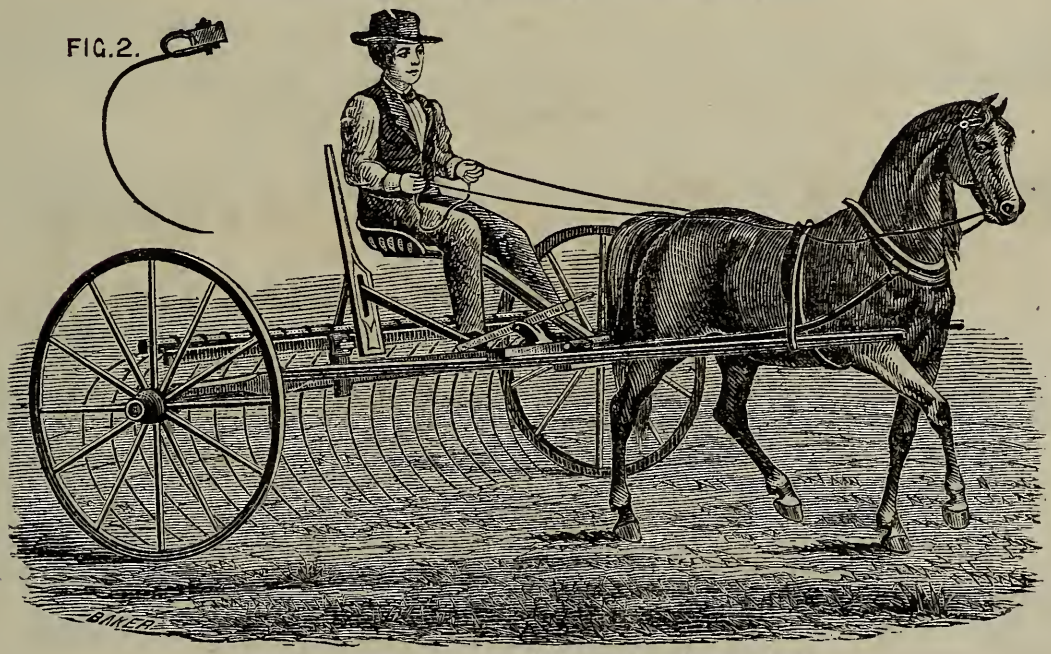
GARDEN CITY PLOW

and a large variety of other

AGRICULTURAL MACHINERY.



WOOD BEAM WALKING CULTIVATOR.



FURST & BRADLEY'S SULKY RAKE.

Visitors to the Exhibition are respectfully invited to call and visit our factory at

57 to 61 N. Desplaines Street,

CHICAGO.

CLASS E.

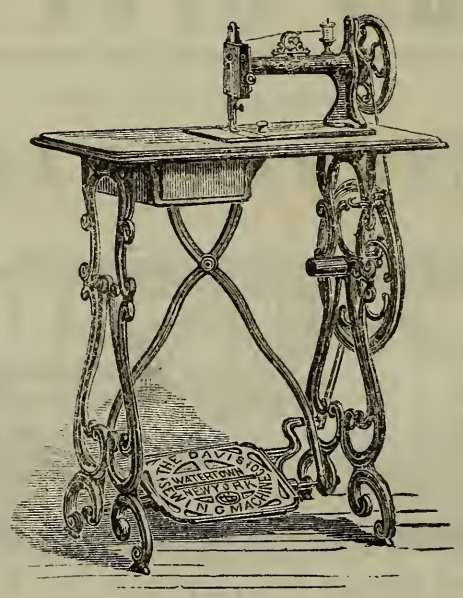
THE IMPROVED DAVIS

VERTICAL FEED SHUTTLE

SEWING MACHINE,

MANUFACTURED AT WATERTOWN, N. Y.

ESTABLISHED 1868.



Re-modelled and Improved 1873.

The mechanical principles involved in the DAVIS SEWING MACHINE are new and differ widely from those in common use, combining simplicity, strength, durability and economy, and an adaptation to a large range of work; and in presenting the

IMPROVED DAVIS,

we do not hesitate to claim in addition to its superior principles, more absolute perfection of workmanship, and more complete adjustability than pertains to any competing machine now in the market.

Among the various improvements we call attention to the

MILLED SHANK NEEDLE,

by which device all sizes of needles occupy the same position in relation to the shuttle, and cannot be set wrong for use.

A new shuttle made from a solid steel block, and hardened, with very few parts, and none that can be broken or disturbed by use.

A new and patented BACK HANGER, capable of easy and complete adjustment in case of wear.

A new TAKE-UP, having a positive motion, and entirely noiseless.

We also have added simple appliances by which all "lost motion" from wear by long use, can be taken up, and by which any one in a few minutes time, can adjust any part of a worn machine to its original position.

The "DAVIS" has the greatest variety and the most complete set of attachments made, enabling it to do work others cannot.

Visitors to the exposition will be amply rewarded in spending a good amount of time, in examining this marvel of mechanism, and in seeing it execute its great range of beautiful work.

It has always obtained the highest premiums whenever exhibited in competition with other machines.

Good Reliable Agents Wanted in all unoccupied Territory.

Western Office, 358 Wabash Ave.

N. S. BOUTON, Pres. C. B. BOUTON, Sec'y & Treas. E. F. HURLBUT, Vice Pres. & Gen'l Supt.

ESTABLISHED IN 1852.

CORNER FIFTEENTH AND DEARBORN STREETS,

CHICAGO.

Union Foundry Works,

Successors to N. S. BOUTON & CO.,

Manufacturers of all descriptions of

Cast and Wrought Iron Building Work,

IRON FRONTS,

Fire Proof Buildings, Stable Furniture,

GILBERT'S PATENT CORRUGATED CEILINGS,

ROOFS,

WROUGHT IRON BEAMS AND GIRDERS,

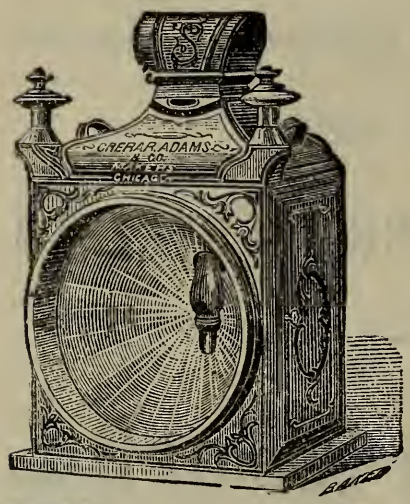
VAULTS AND VAULT DOORS,

Iron Fences, Railings and Gratings,

GENERAL JOBBING,

CAR, BRIDGE, RAILROAD CASTINGS AND BOLTS,

Car Wheels, Frogs and Switches.



Western Railway Supply Depot.

CRERAR, ADAMS & CO.,

11 & 13 Fifth Avenue,

CHICAGO.

Manufacturers of Head Lights

And all species of Railway Lamps and Lanterns.

DOME CASINGS, DOOR LOCKS, BASKET RACKS,

IRON SEAT FRAMES, AND ALL KINDS OF

Sleeping and Day Coach Trimmings.

ALSO,

TURN TABLES, WATER TANKS, TANK VALVES,
MANSFIELD PATENT ELASTIC FROGS,
STEEL RAIL FROGS, HAND CARS,
CONTRACTORS' TOOLS,
R. R. CROSSINGS.

A Large Stock of Plush of our own importation

IN STORE.

Everything used in the Construction and Operation of a Railroad promptly furnished.

SAWS

SAW GUMMERS.

EMERY WHEELS.

OF WARRANTED EXTRA FINE CAST STEEL.

SAWS

Of all descriptions, now used in the United States and Canadas.

—FOR SALE AT OUR WAREHOUSES:—

224 Lake Street, Chicago.

116 & 118 Vine St., St. Louis.

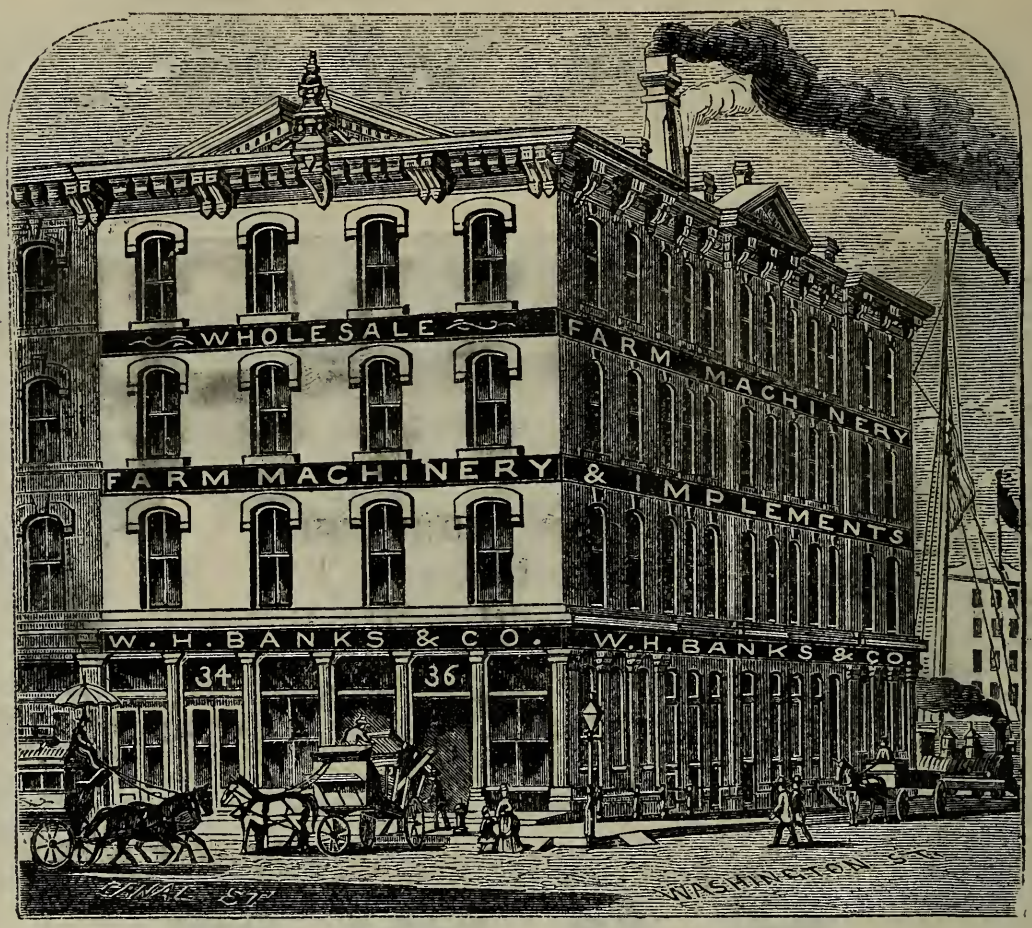
80 Carondelet St., New Orleans.

ILLUSTRATED CATALOGUE FURNISHED ON APPLICATION.

BRANCH, CROOKES & CO.

W. H. BANKS & CO.,

WHOLESALE DEALERS IN



FARM MACHINERY,

IMPLEMENTS AND SEEDS.

Special attention is requested to our full stock of goods, among which are

Pioneer Plow, Sulky Attachments,

EAGLE CORN SHELLERS,

"UNION" TREAD HORSE POWERS,

Cheese Factory and Dairy Supplies,

CHURCH, FARM AND SCHOOL BELLS,

DODGE'S EXCELSIOR HAY PRESS.

Circulars of all our Stock sent Free on application. Address,

W. H. BANKS & CO.,

Stating where this advertisement was seen. 34 & 36 S. Canal Street, CHICAGO.

—:BRANCH HOUSE.:—

CHAS. A. GUMP & CO.,

IMPORTERS OF

OLTING CLOTHS.

MANUFACTURERS OF MILLSTONES

ND GENERAL MILL FURNISHERS.

—ALSO—

FLOUR COMMISSION MERCHANTS.

E AMPLE ROOM FOR STORAGE. ☞MAKE LIBERAL ADVANCES ON CONSIGNMENTS.

42 & 44 South Canal Street, CHICAGO, ILLS.

THE

PROVED HAY PRESS.

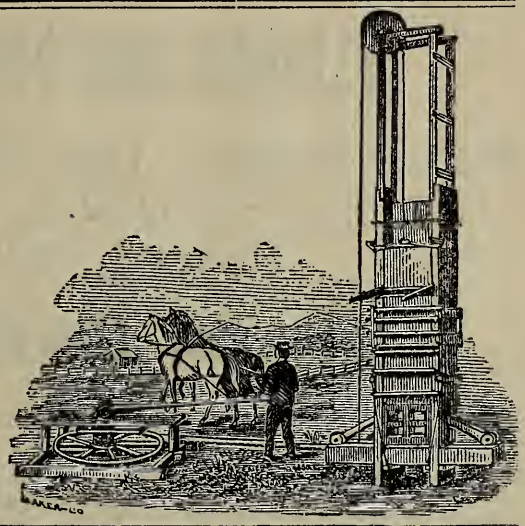
COMSTOCK & CORY,

MANUFACTURERS OF

IAY PRESSES

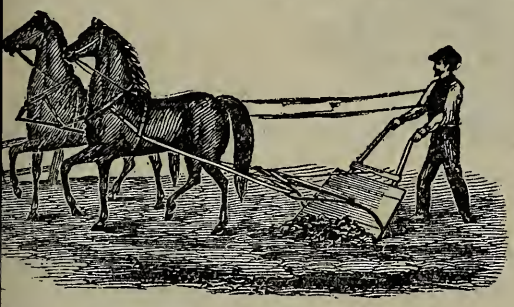
55 N. Jefferson Street,

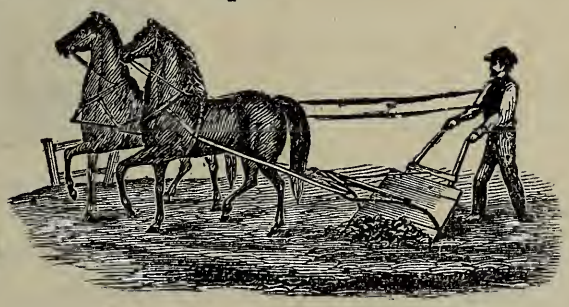
HICAGO, - - ILLINOIS.



CHICAGO SCRAPER and DITCHER CO.,

Sole Manufacturers of these Scrapers.





Our Customers are invited to call at our office, and will be furnished with tickets to visit the factory at Maywood.

FICE, 56 LASALLE STREET, **CHICAGO.**

V. A. JAMES. J. A. ROCHE. T. H. SPENCER.

W. A. JAMES, ROCHE & SPENCER.

ON AND WOOD-WORKING MACHINERY,

STEAM ENGINES, BOILERS, SHAFTING,

Steam and Power Pumps, Leather and Rubber Belting, Railway and Machinists' Supplies,

73 and 275 South Canal Street, CHICAGO.

Merrill & Houston Iron Works

BELOIT, WISCONSIN.

Manufacturers of

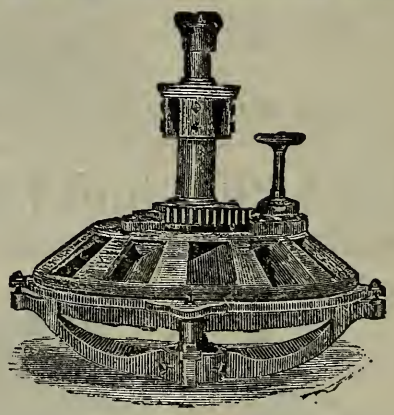
PAPER MACHINERY

Of all descriptions, including

CYLINDER AND FOURDRINIER MACHINES,

Beater Engines, Calendar Rolls, Stuff and Wat
Pumps, Rag Cutters, Paper Cutters, Shafting,
Hangers, Pulleys, Gearing &c.

Geo. A. Houston's Patent



TURBINE WATER WHEEL,

For which we make the following claims for superiority over ALL OTHERS:

THE HIGHEST PERCENTAGE OF POWER, demonstrated in the Lowell and Holyoke te and in practical working whenever placed in competition with other wheels.

THE HIGHEST AVERAGE RESULTS EVER OBTAINED. (See Fourth Annual Repor Turbine Tests by James Emerson).

GREAT STRENGTH AND DURABILITY, Never having had a Wheel or Case broken in use.

EXTREME SIMPLICITY, the Wheel and Case each being cast in one piece, and its whole construc such that it has no parts liable to get out of order.

ECONOMY, both in price and use of water, its large capacity making it equal in power to wheels one larger of most manufacturers with a much greater difference in many instances.

We will very cheerfully furnish Mr. Emerson's reports to all applicants, being entirely satisfied to have par in want of wheels base their verdict as to our merits upon the FACTS.

These reports are MR. EMERSON'S, and are not garbled to suit any particular case, but give all the figures of wheels tested.

Send for our circular and price list.

MERRILL & HOUSTON IRON WORKS,
BELOIT, WISCONSI

HENRY WILLETS,

Manufacturer and Dealer in

uggies, Carriages, Sleighs

LANDAUS, CLARENCE, LANDALLETTS, CUPELETTS.

FACTORY and SALES ROOM,

) and 82 Twelfth St., near State,

CHICAGO, ILL.

Visitors to the Exposition intending to purchase goods in my line will do well to call on me before buying.

---

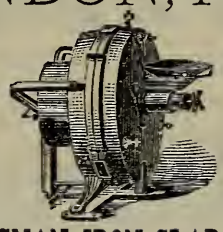
nton Iron Works and Mill Furnishing Establishment,

A. PLAMONDON, PROPRIETOR.

ufacturer of Burr Mill Stones, And Dealer in Bolting Cloth,

MILL AND GENERAL

General Machinery. Mill Furnishings.



Sole Manufacturer of the FORSMAN IRON-CLAD MILL, "Now on Exhibition," which, as a Middling or Feed Mill, is unequaled.

WORKS AND OFFICE,
59, 61 & 63 S. CLINTON ST., CHICAGO.

Steam Heating and Ventilating Apparatus.

SAM'L I. POPE & CO.

Wrought Iron Pipe AND Fittings,

VALVES, COCKS, ETC.

Nos. 87 and 89 West Lake Street,

CHICAGO.

'L I. POPE. HENRY J. CATER.

WM. W. BATES & CO.

DRY DOCK and SHIP YARD

No. 384 Fifth Avenue,

Bet. Harrison and Polk Streets, CHICAGO.

AGENTS FOR

Nelson's Patent Duck Preserver,

Warranted to protect SHIPS, SAILS, AWNINGS, TENTS, and all kinds of HEMP and COTTON CANVAS from MILDEW and DECAY.

MACKEY, WALKER & CO.

MANUFACTURERS OF

Mackey's Patent Gang Lath Mill, iron frame, 6 saws, - Weight, 700 lbs.
Mackey's Patent Self-Feeding Gang Bolter, iron fr., 8 saws, " 2,000 lbs.
Mackey's Patent Self-Feeding Gang Bolter, wood fr., 4 saws, " 1,000 lbs.
Mackey's Patent Combined Mill, (lath mill and bolter combined,) wood frame, - - - - - - - - " 800 lbs.
Dicey's Patent Gang Edgers, five sizes, running 2, 3, 4 and 5 saws.

Exhibited by

HITCHCOCK & WALKER,

128 Michigan Street, CHICAGO

J. G. PARSONS,

MANUFACTURER OF AND DEALER IN

Gentlemen's ¾ and ⅞th

Fine Light Driving Wagons

THE "PARSONS" SIDE-BAR WAGON A SPECIALTY.

Weight 120 pounds.

Repairing and Painting done with Neatness and Despatch. | 155 W. Washington St., Chicago

A. V. PITTS & CO.

Machinists and Manufacturers,

And dealers in Heavy Farm Machinery.

Agents for "Chicago Pitts" Threshers, Horse Powers, Tread Horse Powers, Circular Saws, Repairs and Extras.

General Western Agents for ANN ARBOR AGRICULTURAL CO., BUCHANAN WAGON CO., and BUCKEYE CIDER MILLS.

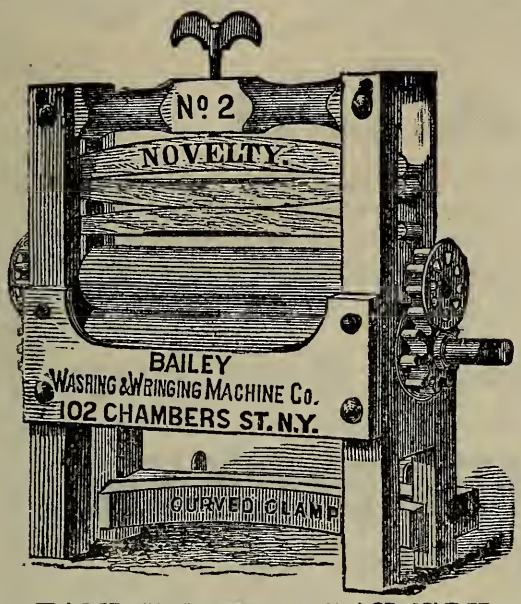
Manufacturers of the HARRIS PATENT PORTABLE ROTARY ENGINES AND BOILERS, the most economical in space, fuel, power, lightness; non-explosive; no engineer required; cheap and durable. ☞ Send for Circular. ☜ We also make Pulleys, Shaftings, Patterns, Models, &c., &c., at living prices. Give us a call.

A. V. PITTS & CO., 11 and 13 S. Jefferson St., CHICAGO.

THE

NOVELTY

CLOTHES WRINGER



For FAMILY, HOTEL & LAUNDRY use

☞ *Saves more than its cost every year in the saving of clothes alone.*

It wrings faster than by hand

Dryer than by hand, Better than by hand.

IT WILL WRING ANYTHING FROM A

HANDKERCHIEF TO A BEDQUILT.

IT WAS AWARDED THE

HIGHEST PREMIUM

by the AMERICAN INSTITUTE, N. Y., and a

GOLD MEDAL

by the GREAT NEW ENGLAND FAIR.

IT HAS NO EQUAL!

AND

"Should be in every Household."

The "Novelty" is Warranted Satisfactory

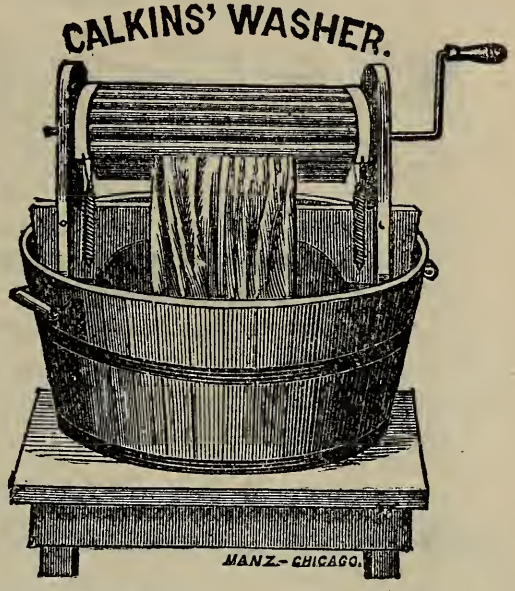
☞ We keep in stock all the different sizes of this celebrated Wringer, and furnish them at manufacturers' prices.

CALKINS CHAMPION WASHER CO.,

191 & 193 S. Clark St.,

CHICAGO, ILL.

Dealers in Laundry Machinery of all Kinds.



PRICE ONLY $7.50.

Washes Clean! Washes Fast! Washes Easy!

There has never been a Washing Machine invented, which has ***met with such general public favor*** as the

CALKIN'S

Champion Washer

☞ OVER 35,000 IN ACTUAL USE ☜

It possesses the advantage of

Portability,
Cheapness,
Durability,
and Simplicity.

☞ FITS IN A COMMON TUB. ☜

IT WILL WASH CLEAN

Both Wristbands and Cuffs as well as a 10lb. Blanket.

Manufactured solely and controled by the

Calkins' Champion Washer Company,

191 & 193 S. CLARK STREET,

CHICAGO.

HISTORIC MEMORIAL EXPOSITION

MEDALS

Made at the MEDAL MINT (sign of the Globe), located near the north entrance to the Exposition Building, by the Globe (late Chicago) Engraving Works. *Gold and Silver Badges*, Silver Plates, Lodge Jewels, Burning Brands, Stencils, Seals, Checks, &c., made at the Factory, ***No. 69 S. Canal Street***, near Madison, Chicago.

GAS LIGHT, SELF-FEED PARLOR COOK.

CO-OPERATOR COOK.

ROCHESTER

Co-Operative Foundry Company,

H. CRIBBEN, Agent,

MANUFACTURERS OF STOVES, HOLLOW-WARE,

HOT-AIR FURNACES, &c.,

Office and Warerooms, 157 East Kinzie Street, CHICAGO.

Western Agents for the Celebratek NATIONAL and MICHIGAN BASE BURNING PARLOR STOVES.

GARDEN VASES and FOUNTAINS.

MONITOR HOT-AIR FURNACES.

J. J. WADE,

Plumber and Gas Fitter,

No. 95 South Desplaines Street,

Between Monroe and Madison Streets. CHICAGO.

I KEEP CONSTANTLY ON HAND A LARGE VARIETY OF

Plumber's Goods, such as Lead Pipes, Sheet Lead, Pumps, Bath Tubs, Water Closets, Marble Wash Stands, Earth Closets, Iron Pipes, both Cast and Wrought, &c., &c. Also,

A LARGE STOCK OF GAS FIXTURES.

I also desire to call public attention to my new mode of lining with lead all kinds of Boxes, Tanks, Gutters, Roofs, &c., without the use of solder or fire, saving at least thirty to forty per cent. in labor and material. The process is purely chemical, and, by a great deal of study, expense and labor, I have finally succeeded in achieving something long sought after by the general public. Any person wishing to see my method well tested and in practical use, can do so by applying to Swansea Smelting Works, located on Jefferson Street, a few doors north of Madison. Visitors will please call and see the full process in Department D, Section No. 294.

All Orders from any part of the Country promptly filled, and none employed but first-class workmen.

J. J. WADE, 95 S. Desplaines St., Chicago Ill.

The Singer still Triumphant!

AT the Vienna Exposition the SINGER received the Medal of Merit, the Medal of Progress, and three other Medals for superiority of productions. THESE ARE THE HIGHEST SEWING MACHINE AWARDS AT VIENNA. The Singer received all the medals awarded to either of the competing machines, and two medals more than any other obtained. Then, in the name of Truth, what is it that prompts people to claim recommendations for the Diploma of Honor! The fact is no Diploma of Honor has been given to any Sewing Machine Company.

But immeasureably more valuable is THE WORLD'S AWARD as shown by sales—proved by sworn returns to the owners of the principal Sewing Machine Patents—which last year amounted to two hundred and nineteen thousand, seven hundred and fifty-eight (219,-758) machines, nine out of ten of them being for Family Use. This is over 45,000 more Sewing Machines than were sold by any other Company during the same period, and over One Quarter of all the machines sold in 1872. These enormous sales are owing to the long-tested merits of the SINGER Machines, which meet the wants of the public in superiority and simplicity of construction and capability for great variety and excellence of work. That the users of Sewing Machines find these desirable qualities in the SINGER beyond all others, is shown by the sales above given, aside from the awards of International Juries, either at home or abroad.

The Singer Manufacturing Co.,
111 STATE STREET, CHICAGO.

Novelty Manufacturing Company,

495, 497 & 499 North Wells Street,

A. SCHOENINGER, Supt. **CHICAGO.**

STEAM WORKS OF

Children's Carriages, Hobby Horses, Velocipedes, Sleighs,

EXPRESS WAGONS, TOY PERAMBULATORS,

—(TOY CARTS, &C., &C.)—

HALLOCK & WHEELER,

(The Original Dealers in GOODYEAR'S RUBBER GOODS IN CHICAGO, established 1855.)

169 Randolph Street, Near La Salle,

MANUFACTURERS, IMPORTERS AND DEALERS IN

RUBBER GOODS

OF ALL KINDS,

RUBBER AND LEATHER BELTING,

Engine and Conducting Hose, &c.

J. L. SHORT. H. B. BRAYTON.

SHORT & BRAYTON,

MANUFACTURERS,

Fine Single and Double Harness

181 EAST MADISON STREET,

CHICAGO.

N. B.—We manufacture all our work, which will be warranted.

HARNESS!

We have the largest stock of HARNESS, SADDLES, HORSE CLOTHING, STABLE GOODS, &c., &c., to be found in the West.

Our Harness are all manufactured from the best Oak Tanned Leather and made by hand (no machine work) exclusively for Custom Work. We guarantee satisfaction in style, quality and price. We will send our goods to responsible parties for inspection and they may be returned at our expense if not perfectly satisfactory.

Please write describing what you want, about the price desired, and we will fill orders.

SHORT & BRAYTON,

Our Goods are to be seen in Department B, Section 10, No. 203. **181 Madison St., Chicago.**

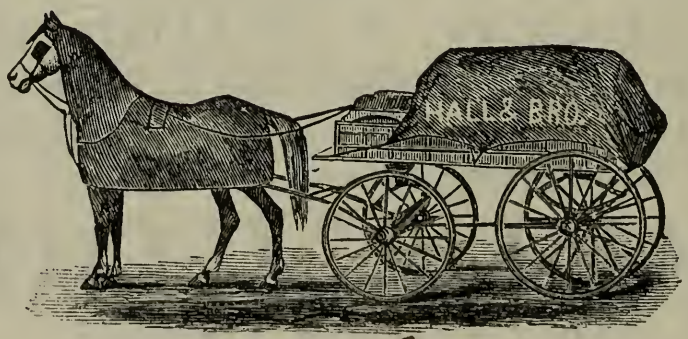
HALL & BROTHER,

MANUFACTURERS OF

EXCELSIOR WATER PROOF

Horse and Wagon Covers

Water Proof Coats AND Overalls.



SHOW SAMPLES AT Exposition.

No. 18 SOUTH HALSTED STREET,

CHICAGO.

ORDERS PROMPTLY ATTENDED TO.

SEYMOUR & MORGAN'S

TRIUMPH.

With an experience of thirty years in the manufacture of Reaping Machines, during which time nearly all the great improvements in harvesting machines have emanated from us, and the value of which is sufficiently attested by the *fact* that all other manufacturers find their use absolutely necessary in order to make their machines of any value.

We feel confident that we can furnish the farmer with the most perfect implement in use for harvesting his grain.

THE TRIUMPH

is decidedly that machine; it will in a perfect manner

Cut the tallest or shortest grain,

and deliver the gavels in good shape for binding. The great superiority of the TRIUMPH consists in the perfect automatic connection of the Reel and Rake. Each working independent of the other and yet together. Its introduction has thus far met with perfect success. In simplicity of construction, Lightness of Draft, Ease of management and great durability, the TRIUMPH stands unrivaled. Our guarantee is full and unqualified.

OUR MOWER

The EMPIRE STATE, has been so thoroughly tested by the farming community, and given such perfect satisfaction, that we consider it is needless to say more than to ask all parties interested to call and see the machine while on exhibition.

SEYMOUR, MORGAN & ALLEN,

MANUFACTURERS,

Brockport, N. Y.

Western Office, 93 & 95 W. Lake St., Chicago, Ill.

WM. H. BROWNE, Gen'l Agt.

☞Machine is to be seen in Class E, Section 2.☜

D. S. HEFFRON,

Wholesale and Retail Dealer in

SEEDS

GOLD FISH, AQUARIA, FLOWER POTS, RUSTIC and WIRE GOODS,

250 State Street, CHICAGO.

General Agent for

PHILADELPHIA LAWN MOWERS and LANDRETH'S GARDEN SEEDS.

Particular attention paid to commission business, prompt attention given to all orders, remittances promptly made.

CORRESPONDENCE SOLICITED.

☞Whether you wish to buy or sell, write me.

JOHNSON & ABBEY,

IMPORTERS AND WHOLESALE DEALERS IN

CROCKERY,

Glassware, Lamps,

BROWN AND YELLOW WARE,

OHIO STONEWARE,

55 and 57 South Water Street,

CHICAGO.

J. D. JOHNSON.
G. N. ABBEY.

Sole Agents Here for this Can.

DEPARTMENT F.

Products of the Farm, Orchard, Nursery, Garden and Greenhouse.

Section 1.

FRUITS AND VEGETABLES, &c.

3 D. H. ELLIOTT, Gen'l Western Agent K. & P. R. R, 106 Dearborn st., Chicago, Farm, Orchard and Garden Products of Kansas and Colorado, near line of Kansas & Pacific R. R.

2 GEORGE S. HARRIS, Land Commissioner, W. H. WISNER, Gen'l Agent, 59 Clark street, Chicago, Agricultural Products, produced on the line of the Burlington & Missouri River R. R. in Ohio and Nebraska.

4 O. W. HERRICK, Agent, 57 Clark street, Chicago, Agricultural and Mineral Products on the lands along the line of the N. P. R. R,

6 IOWA RAILROAD LAND CO., Chicago, 90 Randolph st., John B. Calhoun, Land Commissioner, Specimens of Soils, Grain, Corn and Products of the middle regions of Western Iowa, crops of 1873. (*See adv't.*)

5 LAND DEPARTMENT OF NORTHERN PACIFIC R. R. CO., 23 Fifth Avenue, N. Y., Geo. B. Hibbard, Sup't, Products on the line of N. P. R. R., in Minnesota, Dakota, Montana, Washington Territory and Oregon.

7 A. E. TOUZALIN, Land Commissioner A., T. & S. Fe. R. R., Topeka, Kan., Products of the Arkansas Valley in Kansas.

8 W. E. WEBB, A., T. & S. Fe R. R., 77 Clark st., Chicago, Fruits, Vegetables, Minerals, &c., and natural and cultivated products of Kansas.

Department F, Section 2.

FLOWERS, PLANTS, FERNERIES AND AQUARIA, &c.

24 WILLIAM DESMOND, 755 Cottage Grove Avenue, Chicago, Ornamental Plants and Flowers.

18 D. S. HEFFRON, 250 State street, Chicago, Cane Goods, Chairs, Rustic Goods, Terra Cotta, Lawn Mowers, Aquariums, Bulbs, Seeds, Wax Work, &c. (*See Adv't.*)

20 HOVEY & CO., 141 State st., Chicago, Garden Seeds and Plants, Rustic and Wire Work and Pottery of great variety, Fernery Cases, Hyacinth Glasses and Pots, Fish and Fish Globes, Birds and Bird Cages. (*See Adv't.*)

25 ISAAC A. POOL, 97 Oakley street, Chicago, Plants, Flowers, &c. and Microscopic Specimens of Plants.

19 EDGAR SANDERS, 250 State st., Chicago, Bouquets, Cut Flowers, Plants, &c.

21 PETER SCHUTTLER, 301 W. Adams street, Chicago, Collection of Greenhouse Plants, &c.

23 WILLIAM F. SHEPHERD, State and Washington sts., Chicago, Flowers, Plants, Ferneries and Aquaria.

17 A. L. SMALL, Kankakee, Ill., Evergreen Trees, &c.

22 ISAIAH TREFRY, 519 Cottage Grove Avenue, Chicago, Flowers, Plants, &c.

Department F, Section 3.

Grain, Seeds, Vegetables and Dairy Products, &c.

29 ELGIN BOARD OF TRADE, Elgin, Ills., Joseph Tefft, Pres't, Dairy Products and Cheese.

28 W. J. ELLINWOOD, 110 S. Clark st., Chicago, Seeds and Grain.

30 RICHARDS & GOOCH, 181 South Water street, Chicago, Dairy Products.

N. B.—Names of exhibitors in this department not entered above, will be found in the appendix.

141 STATE ST. 141 STATE ST.

HOVEY & CO.,

SEEDSMEN

ALSO DEALERS IN

HORTICULTURAL IMPLEMENTS,

Ornamental Iron Goods,

Vases, Settees, Fountains, Weather Vanes,

RUSTIC WORK,

IN ALL ITS VARIETIES,

AND EVERYTHING FOR THE ORNAMENTATION OF THE GARDEN & LAWN.

We make a specialty of keeping the largest and best assorted stock of

Garden, Flower and Field Seeds,

IN THE WEST.

We also import direct from the growers in Holland, a large assortment of

FALL AND WINTER BULBS,

CONSISTING OF

Hyacinths, Tulips, Crocous, Lillies, Etc., Etc.

We also have a very large and varied assortment of

FLOWER POTS,

BOTH PLAIN AND ORNAMENTAL.

Hyacinth Glasses, Pot Covers, Flower Pot Brackets, Birds and Cages, &c.

☞Send for a Catalogue, free on application.

HOVEY & CO.,

141 State Street.

Twin Brothers Yeast.

MANUFACTURED BY

The Waterloo Yeast Company

AT

WATERLOO, N. Y. DETROIT, MICH.
TORONTO, ONT. CHICAGO, ILL.

The Twin Brothers Yeast has secured a world-wide reputation for excellence of quality that has never been equalled, and has taken ***First Premium*** at all fairs, wherever exhibited. Every person that appreciates good bread will use ***Twin Brothers Yeast.***

For Sale by all Grocers.

JOHN A. HUCK & CO.,

WINE GROWERS,

De Pue, Bureau County, Illinois.

Different kinds of American and European Grapes (German, French, Hungarian, &c., &c.,) are raised on an elevation of 400 to 500 feet above the level of the lake, De Pue, Bureau County, Ill.

IMPORTERS and DEALERS

Of the most Superior Brands of

Rhine, French, California

AND

NATIVE WINES.

SALESROOM: No. 57 North Clark, corner Michigan Street.

WINE VAULTS: North State, cor. Goethe Street.

DEPARTMENT G.

Food, Drinks, and Tobacco, &c

Section 1.

All Articles of Food of Easy Preservation—Canned, Dried, or Preserved Meat, Fish, Fruit and Vegetables, Sauces, Condiments, Pickles, Relishes, Condensed Milk, &c.

1 THE ALDEN FRUIT PRESERVING CO., Chas. C. Keeler, Secretary, 45 Michigan avenue, Chicago. Fruits and Vegetables Preserved by Pneumatic Evaporation, Fruits and Vegetables rendered imperishable by the process used in the establishments of the Alden Fruit Preserving Company.

9 AMERICAN SARDINE CO., 31 Broad st., New York, American Boneless Sardines.

4 WILLIAM ARCHDEACON, 11 S. Franklin street, Chicago, Pickles, Preserves, Jellies, Sauces, Milk, Meats and Fish in cans, &c.

20 BELL, CONRAD & WEBSTER, 43 River street, Chicago, Ground Coffee, Spices, &c.

11 BLAKE, WALKER & CO., 24 and 26 N. Clinton street, Chicago, Dake Bakery. Crackers and Cakes.

6 ALFRED BOOTH, 124 Michigan avenue, Chicago, Canned Goods.

12 D. F. BREMNER, 78 and 80 O'Brien street, Chicago, Biscuits and Crackers.

7 LOUIS CHEMIOUX, 82 W. Adams street, Chicago, Pressed Corn Beef.

3 CHICAGO SALT CO., 55 and 57 S. Water street, Chicago, Box and Sack Salt.

17 CHICAGO & PEORIA YEAST CO., Main and Water sts., Peoria, and 6 and 7 Wabash ave., Chicago, Joyes and Stratton's Dry Hop Yeast Cakes in Tin Foil air tight wrappers. (*See adv't.*)

10 C. S. HUTCHINS & CO., 65 and 67 S. Water st., Chicago, Starch.

14 INGRAHAM, FONDA & CO., 173, 175 and 177 S. Clinton street, Chicago, Anthony's Universal Baking Powder, and Crystal Cream of Tartar.

2 P. LORILLARD & CO., 16 and 18 Chambers street, New York, F. W. Ruffner, agent, 50 Lake street, Chicago, Manufactured Tobaccos.

18 LYMAN & SILLIMAN, 625 W. Lake st., Chicago, Teas & Coffees.

15 NATIONAL YEAST CO., 33 and 35 Wabash avenue, Chicago, National Dry Hop Yeast Cakes. (*See adv't.*)

21 STAR CHEMICAL WORKS, S. P. Richards, Secretary, 4, 6 and 8 Lake street, Chicago, Baking Powder, Extracts, Inks, &c.

19 N. SHERWOOD & CO., 39 Wabash ave., Chicago, Teas.

21 STEELE & PRICE, 201 and 203 S. Water street, Chicago, Dr. Price's Cream Baking Powder, Dr. Price's Special Flavoring Extracts for Cooking, Dr. Price's Essences of Jamaica Ginger, Bay Rum, Castor Oil, Extracts for Confectioners, Soda and Mineral Water dispensers, Fruit Colorings and Dr. Price's Lemon and Orange Sugar, &c. (*See adv't.*)

8 J. M. STIDGER & CO., 172 and 174 Clark street, Chicago, Agents for A. Fee & Co., manufacturers, 818 North Commercial street, St. Louis, Mo., Pickles, Sauces, Catsups, Chow-Chow, &c.

5 F. A. WAIDNER, 45 and 47 River street, Chicago, Pickles, Preserves, Jellies, Sauces, Milk, Meats and Fish in Cans, &c.

16 WATERLOO YEAST CO., 9 Wabash avenue, Chicago, Twin Brothers' Yeast and Baking Powder. (*See adv't.*)

13 C. L. WOODMAN & CO., Canal and Adams streets, Chicago, Crackers and Bread.

Department G, Section 2.

CONFECTIONERY, SWEETMEATS, AND SUGARS, &C.

25 C. F. GUNTHER, 78 Madison street, Chicago, Soda Fountain and Confectionery.

28 CARLO MARANESI, 135 East 22d street, Chicago, Confectionery.

29 M. E. PAGE & CO., 211 and 213 Lake street, Chicago, Candies and Confectionery of their own manufacture. (*See adv't.*)

27 J. P. AUGUST WILHELM, 403 S. Clark street, Chicago, Colors for Confectionery, without poison, and of their own manufacture.

Department G, Section 3.

MINERAL WATERS, FERMENTED AND SPIRITUOUS LIQUORS, ETC.

35 CHAPIN & GORE, Chicago, Brands of Wines and Liquors.

36 DE WILDE & CO., 33 and 35 W. Madison street, Chicago, Wines and other Liquors. (*See adv't.*)

35 JOHN A. HUCK & CO., 57 N. Clark street, Chicago, Rhine, French and California Wines. (*See adv't.*)

30 KELLEY ISLAND WINE CO., Kelley Island, Ohio, Champaignes, Native Wines, Brandy, &c.

33 M. M. SMITH & BRO., 225 Jackson st., Chicago, Silk Finish and Silver Tide Whiskies.

33 A. & W. W. STRICKLAND, 174, 176 and 178 E. Adams street, Chicago, Wine of Life.

31 WHITE ELK VINEYARDS, Keokuk, Iowa, R. W. Holton, Supt., Wine in Cases.

34 CHARLES W. ZAREMBA, M. D., 205 S. Clark street, Chicago, Zaremba's Chilian Wine of Boldo.

Department G, Section 4.

TOBACCO AND ITS MANUFACTURED PRODUCTS, ETC.

38 GRADLE & STROTZ, 207 S. Water st., Chicago, Manufactured Tobacco.

41 A. G. MARSHUITZ, Kuhn's European Hotel, Dearborn st., Chicago, Cigars and Smokers' Articles.

39 A. WEHLE & CO., 53 S. Water st., Chicago, Cheroots and Cigars.

N. B.—Names of exhibitors in this department not entered above, will be found in the appendix.

STEELE & PRICE,

MANUFACTURERS

DR. PRICE'S

CREAM BAKING POWDER

DR. PRICE'S

SPECIAL FLAVORING EXTRACTS.

DR. PRICE'S

Lemon and Orange Sugar, &c.

The largest MANUFACTORY of the kind in the World.

201 & 203 South Water Street, CHICAGO, ILLS.
310 North Second Street, ST. LOUIS, MO.
122 Main Street, CINCINNATI, O.

DeWILDE & CO.,

33 and 35 West Madison St., CHICAGO, ILL.

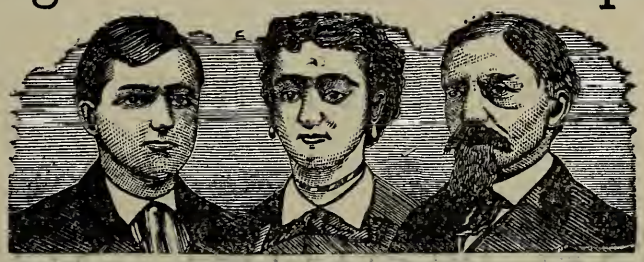
IMPORTERS OF

RHINE AND MOSELLE WINES

SOLE AGENTS FOR

HUGO GARENFELD, - - TRIER.
MICHAEL OPPMAN, - - WÜRZBURG.

Chicago & Peoria Yeast Company.



JOYES & STRATTON'S DRY HOP YEAST

IN TIN FOIL-AIR-TIGHT-PACKAGES.

JOYES, STRATTON & CO., Manufacturers and Proprietors.

6 & 8 Wabash Ave., CHICAGO. Main and Water Sts., PEORIA.

ALL WHO HAVE USED

NATIONAL YEAST

Pronounce it to be the Best.

GIVE IT A TRIAL

ALL GROCERS SELL NATIONAL YEAST.

PLACE & EHRET,

SOAP

MANUFACTURERS,

No. 189 Mather Street,

CHICAGO, ILLINOIS.

DEPARTMENT H.

Natural History.

COLLECTIONS AND SPECIMENS, MODELS AND DRAWINGS ILLUSTRATIVE OF THE NATURAL SCIENCES.

2 F. J. ABBEY & CO,, 43 S. Clark street, Chicago, Game, Fancy Birds and Animals.

4 FRED'K KAEMPFER, S. Clark st., Chicago, Birds in Cages, &c.

1 J. M. REYNOLDS, 199 La Salle st., Chicago, Shells, Corals, Curiosities of Land and Sea.

4 J. STRICKLAND, 212 W. Madison st., Chicago, Birds, &c.

N. B.—Names of exhibitors in this department not entered above, will be found in the appendix.

SCHWEITZER & BEER,

154 State Street, Near Monroe,

OFFER AT

WHOLESALE AND RETAIL

The BEST and MOST COMPLETE STOCK

OF

Toys, Fancy Goods, Baskets,

CHINA, GLASS AND LAVAWARE,

MUSICAL INSTRUMENTS,

NOTIONS, BIRD CAGES, BOYS' CARTS AND WAGONS, HOBBY-HORSES, VELOCIPEDES, SLEDS, Etc., Etc.

ALL OF OUR IMPORTED GOODS HAVE BEEN

PERSONALLY SELECTED AND DIRECTLY IMPORTED FROM EUROPE.

We guarantee SATISFACTION, both in regard to

PRICES AND ASSORTMENT.

SCHWEITZER & BEER,

IMPORTERS,

No. 154 State Street, Near Monroe,

CHICAGO.

Appendix to Catalogue.

DEPARTMENT A.

Fine and Liberal Arts.

SECTION 1.—Paintings in Oils and Water Colors.

	TITLE AND ARTIST.	OWNER.
1	Autumn in the Sierras; A. Bierstadt	Artist, New York.
2	Fire Memorial Painting; Armitage, London	Chicago City.
3	Long Branch by Moonlight; C. G. Rosenburgh,	Artist, New York.
4	Central Park; C. G. Rosenburgh	Artist, New York.
5	Basket of Raspberries; Mrs. R. G. Packard	Artist, New York.
6	Group of Fish; Sam'l M. Brooks, San Francisco	E. Bierstadt.
7	Norway Landscape; J. Hammerstadt	Artist, Chicago.
8	Hard to Manage; Clarence M. Johns, Pittsburgh, Pa	Artist.
9	Glencoe, Scotland; Arthur Parton, New York	Emigh.
10	Lake Memphamagog; J. C. Wiggins	Emigh.
11	Adirondacks; Arthur Parton, New York	Emigh.
12	Adirondacks; Arthur Parton, New York	Emigh.
13	Flowers; Muandot	Emigh.
14	Unexpected Friends on the Battlefield; H. Balling, N.Y	Artist.
15	Idolisten Norwegian Sheperdess; H. Balling, N. Y	Artist.
16	Group of Children; Pine, Chicago	J. W. Doane.
17	Dog's Head, from life; A. Lemon, Chicago	
18	Barn Study; A. Lemon, Chicago	
19	Snowy Morning, Merchant of Venice; Chas. J. Taylor, N.Y	Artist.
20	A Day in the Woods; L. Barclay	Artist.
21	Lake Champlain near Burlington, Vt.; D. F. Biglow	Artist.
22	Sycamore's; H. C. Ford,	E. Burnham.
23	Entrance South Park; H. A. Elkins,	E. Burnham.
24	Ohio Woods; H. C. Ford,	Artist.
25	Marine Coast of Mexico; L. Holtz,	Artist.
26	Steamship Baltic; Wm. Fergusson,	White Star Line.
27	Portrait Schwert; Schwert,	
28	Brook in Andirondacks; Chas. A. Fiske, Fairfield, Conn	Artist.
29	A Day in the Woods; D. Barclay, Chicago,	Artist.
30	View on the Desplaines; Annie C. Shaw,	Artist.
31	Portrait; F. W. Freer,	Artist.
32	" "	Artist.
33	Dog's Head; "	Artist.
34	Portrait; A. E. Darling,	Artist

35 Portrait;.....
36 My Little Sister; J. R. Stites,.....Artist.
37 Portrait; H. E. Peterson,.....Artist.
38 Portrait; .....Artist.
39 Tea Party in the Garrett; Sam'l Verplank,.....Artist.
40 Young Orator; Sam'l Verplank,.....Artist.
41 Palisades of the Hudson, from Yonkers Winter; Mrs. L. Cobb,...Artist.
42 Grandpa's Little Girl; Rose F. Peckham,.....Artist.
43 Portraits; John Phillips.....Artist.
44 Portraits; S. Kelley,.....Artist.
45 Fruit; J. P. Andrews, New York.....Artist.
46 On the Schuykill; M. Kollock,.....Artist.
47 Storm in the Shawanpunk Mt.; G. H. McCord, Brooklyn, N. Y.....Artist.
48 Grapes; Mrs. Henshaw, New York.....Artist.
49 Portraits; Stephen Kelly, Chicago.....Artist.
50 Portraits; Stephen Kelly, Chicago.....Artist.
51 Coast Scene, Connecticut; Kensett.....Emigh.
52 Lake George; Kensett .....Emigh.
53 Landscape; Von Elton.....Emigh.
54 Landscape; Brevoort.....Emigh.
55 Landscape; H. Doeger, Chicago,.....Artist.
56 Landscape; H. Doeger, Chicago.....Artist.
57 Artist's Studio; H. Doeger, Chicago.....Artist.
58 Savoyard; H. Doeger, Chicago.....Artist.
59 Portrait; F. L. Rockwell.....Artist.
60 Portrait of J. C. Gault; Frank M. Pebbles.....J. C. Gault.
61 Portrait of Mrs. J. W. Hodgkins; Frank M. Pebbles.....J. W. Hodgkins.
63 Portrait; H. E. Peterson.....
63 " " .....
64 The Lake Maggiore; A. Waagon.....M. Ryerson.
65 Landscape near Rome; H. Burckel.....M. Ryerson.
66 Landscape, Bavarian Mt.; H. Burckel.....M. Ryerson.
67 The Morning Kiss; Reyschlag.....M. Ryerson.
67 Christians Leaving Jerusalem, from Kaulbuchs.....M. Ryerson.

GEORGE GILBERT,

(Successor to SAMPSON, GILBERT & CO.)

Manufacturer and Dealer in

FINE AND MEDIUM

FURNITURE.

We are prepared to show our friends and the public the largest, most fashionable and complete stock of

RICH AND MEDIUM FURNITURE,

Of our own and foreign manufacture, to be found West of New York, and are determined to sell at such low prices that will command the attention of every buyer that wants

GOOD, RELIABLE GOODS.

GEORGE GILBERT,

267 AND 269 WABASH AVENUE,

CHICAGO.

C. MASON, } G. MASON, } J. MOHR. J. A. MASON.

EXCELSIOR IRON WORKS.

C. MASON & CO.

87 to 93 and 96 to 100 N. Clinton St.

CHICAGO.

Marine Engines, Stationary Engines, Gearings, Pumps, Shaftings and Pulleys, Grain Elevators, Coal Gas Works, Gas Valves, Boilers, Tanks, Smoke Pipes and Furnace Stacks.

Plain and Ornamental Lamp Posts and Fire Irons.

ESTABLISHED 1855. ESTABLISHED 1855.

VERGHO, RUHLING & CO.,

IMPORTERS OF

Toys, Fancy Goods & Baskets,

JOBBERS OF

BIRD CAGES,

LEATHER BAGS, FISHING TACKLE,

Druggists' Sundries, Etc.,

CHILDREN'S CARRIAGES,

ROCKING HORSES,

SLEIGHS, EXPRESS WAGONS, VELOCIPEDES,

BOYS' CARTS,

Nos. 138, 140 AND 142 STATE STREET,

CHICAGO, ILL.

HAVING A RESIDENT PARTNER IN EUROPE, WE ARE IN

CONSTANT RECEIPT OF NOVELTIES.

SECTION 1½.—Sculpture.

	TITLE AND ARTIST.	OWNER.
120	Conover Hebe	
121	Bust of Alegra; David Richards	Artist.
122	Medallion Portrait; F. A. Dunbar	Artist.
123	Knowledge is Power; E. S. Valentine	Artist.
124	The Nation's Ward; E. S. Valentine	Artist.
125	Statuette, A. Lincoln; L. J. Volk	
126	Statuette, Stephen A. Douglas; L. J. Volk	
127	Rogers Groups; John Rogers, New York	
128	Parian Statuettes	
129	West & Co., 282 Wabash Avenue, agents for	

SECTION 2.—Architecture and Design.

150 Court House Design, W. L. B. Jenney.
151 " " " Sturgis.
152 " " " Armstrong & Egan.
153 " " " De Forrest & Fisher.
154 " " " A. J. York.
155 " " " Jas. Murdoch.
156 " " " Wheelock & Thomas.
157 " " " Adam L. Robb.
158 " " " L. C. Welch.
159 " " " Thomas Tilley.

160 Perspective View of Leading Buildings of Chicago, James B. Tyerman, Reaper Block.

161 Ink Drawing of Evening on staircase of Bruhlsche Terrace, in Dresden, A. Howard Parslow, Nixon, Bd.

162 Ink Drawing of Night on staircase of Bruhlsche Terrace, in Dresden, A. Howard Parslow, Nixon, Bd.

163 Ink Drawing, The Little Mother, A. Howard Parslow, Nixon, Bd.

164 Geneological Tree of the Morris Family, nine generations, from 1654, carried out perfectly to the present time.

165 Pen Design, H. B. Bryant, Chicago.

166 Pen Designs, Ornamental, Business Writing and Drawing, M. R. & S. M. Powers, 105 Madison street.

167 Pen Design, Sidney S. Hurlbut, 66 Warren Avenue, Chicago.

168 Pen Design, W. H. Starr, Chicago.

FINE WORK A SPECIALTY.

Refer to 2 pages of Portraits of Officers of Exposition and other Illustrations in this Book.

Established 1857.

BAKER & CO.

DESIGNERS AND

Engravers on Wood.

CORNER OF CLARK & MONROE STS.

CHICAGO.

DEALERS IN ENGRAVING TOOLS & ENGRAVERS' OUTFITS.

ILLUSTRATED CATALOGUE OF TOOLS NOW READY. SEND FOR ONE.

SATISFACTION GUARANTEED.

"CLEANLINESS IS NEXT TO GODLINESS."

TURKISH BATHS

No. 43 CLARK STREET.

C. W. KARNES, Proprietor.

CHICAGO.

SECTION 2½.—Engravings and Chromos.

180 Specimens, Western Bank Note Co.
181 " Plain and Colored Lithography, White & Bradley, Buffalo, N. Y.
182 Specimens, Chicago Eng. Co., S. E. cor. Clark and Madison streets.
183 " Chicago Lith. Co., Chicago.
184 " Strobridge & Co., Cincinnati, Ohio.
185 " Essroger, Ruehlow & Co., N. E. cor. Washington st. & 5th Ave.
186 " Haliday & Roberts, 41 Monroe street.
187 " Jacob Manz, 70 La Salle street.
188 " S. D. Childs, 115 Franklin street.
189 " C. W. Dunwell, 103 State street.

SECTION 3.—Photographs.

200 D. Mosher, 951 Wabash ave., Chicago, Portraits of Celebrities, life size, worked in Crayon: Mayor Medill, Story, Sweet, Hervey, E. Cady Stanton, Hon. S. Breeze, Dr. Cheney, Miss Gilbert, &c.

201 P. B. Green, West Jackson st., Landscapes, Prominent Buildings in Chicago, before and after the conflagration, stereoscopic.

202 Wallingford Hodges, State st., Principal Streets, Buildings and Interiors, stereoscopic.

203 Chas. Taber & Co., New Bedford, Mass., Bonfils Series of Views in the East: Egypt, Palestine, Syria, Greece, Stereoscopic Views of Palestine.

204 Copelin & Son, 244 West Washington st., Portraits, Life Cabinet, Carte-de-Visite, &c. Composition, Hamlet. Crayon, Bishop Foley, Hon. S. S. Hayes, Child.

205 H. Rocher, Wabash ave., Portraits, Life Cabinet, Carte-de-Viste, &c.

206 Alfred Hall, 217 West Madison street, Portraits, Life Cabinet, Carte-de-Visite, &c.

207 E. L. Brand & Co., Wabash ave., Portraits, Life size finished in Crayon and India Ink. Imperial, Cabinet, Carte-de-Visite, Porcelain, &c., Berlin Photos.

208 Lovejoy & Foster, 335 West Madison st., Stereoscopic Views of Chicago, Niagara Falls, Colorado Canyons, and American Scenery generally; Large Views of Yo Semite Valley, Scenery, &c.

209 Geo. J. Klein, Photographs.

210 E. Dormsby, 309 West Madison street, Photographs.

211 T. S. Johnson, 760 Cottage Grove ave., Portraits, Photographic.

212 Ryder & Barnard, 335 West Madison st., Photographs.

213 Abbott & Tinsley, 150 State street, Photographic Pictures.

214 Gentile, S. E. cor. State and Washington streets, Portraits of all descriptions in Photography, Landscapes, &c., Indian Costumes, Curiosities, &c., Portraits of Apache and of different Indian Tribes of Arizona.

215 Fassett, Photographer, Wabash ave., Portraits Life Size finished in Crayon, India Ink, Imperial Cabinet, Carte-de-Visite. The celebrated Ideal Photograph.

SECTION 3½.—Wood Carvings, Etc.

225 Specimens in Wood, S. A. Scote, 21 S. Canal street.
226 " Plaster, Godard, Lejeunne & Co., Chicago.
227 " Metal, Warren Bros.
228 " Wax, Mrs. L. Maclean, 1071 W. Harrison street.
229 " " Mrs. I. M. Bell, 14 N. Sheldon street.
230 " " Miss Lizzie Baxter, 343 W. Adams street.

SECTION 4.—Stained Glass.

240 Stained Glass Window, Otto Jevne & Co., 226 E. Washington street.
241 " " " Geo. A. Misch, Chicago.
242 Cut " " James Berry & Co., 27 N. Jefferson street.

MISCELLANEOUS IN ART DEPARTMENT.

250 Decorative Paper Hangings, J. J. McGrath, 176 State street.
251 Decorated China, L. T. Sturgis, 216 West Lake street.
252 Atlas of Chicago, Otto Peltzer, Board of Public Works.
253 Ornamental Feathers and Seeds, Albert Galloway.
254 Ornamental Seeds, John Leber, 243 Larrabee street.
255 Needle Work, Mrs. A. Hahneman, Hyde Park.

APPENDIX.

Department A, Section 5.

DEAN BROS. & HOFFMANN, Clark street, Chicago, Samples of Book Binding.

Department A, Section 6.

220 STORY & CAMP, State street, Chicago, Organs and Pianos.

Department B, Section 6.

W. F. MAHON & CO., 274 to 278 Wabash Avenue, Chicago, Full line of Millinery Goods, including Trimmed Goods. A Quilt to which particular attention is called, the material used was 5,000 pieces of Velvet, 4,000 pieces of Silk, 4,000 Buttons and 32 yards of Embroidery. (*See adv't in Class B.*)

Department C, Section 1.

A. L. WHITTEY, St. Louis, Collection of Minerals.

TUTTLE & SERTS, Cleveland, Ohio, Block of Cannel Coal.

Department C, Section 2.

J. W. CARPENTER, Cambridge City, Ind., Monuments of Scotch Granite.

Department C, Section 3.

M. C. ISAACS, 47 and 49 Congress street, Chicago, Wire Brooms and Brushes. (*See adv't in Class C.*)

Department E, Section 3.

NOVELTY MANUF'G CO., North Wells st., Chicago, Children's Carriages, Basket and Willow Work. (*See adv't in Class.*)

Department E, Section 4.

C. MASON & CO., 87 to 93 and 96 to 100 N. Clinton st., Chicago, Marine Engines, Stationary Engines, Shafting, Pulleys, Grain Elevators, Gearing, Lathes, Pumps, Oil Presses, Plain and Ornamental Lamp Posts, Quartz Crushers, Castings, etc., etc., Boilers, Tanks, Smoke Pipes, Furnace Stacks, Blast Furnaces, Coal Gas Works, Building Work, Gas Valves, Water Valves, Grate Bars, Plain and Ornamental Fire Fronts. (*See adv't in Class.*)

Department G, Section 3.

JOHN A. HUCK & CO., 57 N. Clark st., Chicago, Native Wines. (*See adv't in Class F.*)

ELGIN WATCHES.

FACTS FOR THE PEOPLE.

OFFICE GEN'L SUP'T ERIE RAILWAY, NEW YORK, Feb. 7, 1870.

T. M. AVERY, Esq., Pres't National Watch Co., Chicago, Illinois:

Dear Sir:—Having for about three months tested, in various ways, the "time-keeping" qualities of one of your Elgin Watches, I most cheerfully award it the praise that is its due. For one month the watch was carried by one of our locomotive engineers, and since then by different persons, so that its full value as a time-keeper could be known under different modes of treatment. I will simply say that it has given *perfect* satisfaction, and in my opinion is as near perfection as I believe it possible a watch can be made.

Respectfully yours, L. H. RUCKER, Gen'l. Sup't.

AMERICAN MERCHANTS' UNION EXPRESS CO., CHICAGO, Feb. 17, 1870.

T. M. AVERY, Esq., Pres't National Watch Co., Chicago, Illinois:

Dear Sir,—It gives me pleasure to state that the two or three Elgin Watches I have at different times purchased for presentation have given entire satisfaction, and are highly valued as elegant and correct time-keepers.

A very large number of your watches are being carried by the messengers in the employ of this company, and are giving entire satisfaction, their time-keeping qualities being implicitly relied upon. CHARLES FARGO, Sup't.

OFFICE OF THE GEN'L SUP'T C. & N. W. RAILWAY, CHICAGO, Feb. 16, 1870.

T. M. AVERY, Esq., Pres't National Watch Co.:

Dear Sir,—I have pleasure in expressing my opinion of the Elgin Watches, the more so since I do not think there is a better watch made. A large number of them are in use by our conductors and enginemen, and other employees, and I have heard no dissenting opinion upon their merits. They run with a smoothness and uniformity fully equal to any other watch I know of, and justify all your claims of excellence in manufacture and fitting of parts. Yours truly, GEORGE L. DUNLAP, Gen'l Sup't.

CHICAGO AND ALTON R. R. CO., CHICAGO, Jan. 25, 1870.

D. W. WHITTLE, Gen'l Agent National Watch Co.:

Dear Sir,—I have carried one of the Elgin Watches for some time, and am much pleased with it. It has kept excellent time under all circumstances, and I consider it perfectly reliable. Yours respectfully, J. C. McMULLEN, Gen'l Sup't.

LAKE SHORE AND MICHIGAN SOUTHERN RAILROAD, CHICAGO, Jan. 27, 1870.

T. M. AVERY, Esq., Pres't National Watch Co.:

Dear Sir,—I have carried the Elgin Watch long enough to be able to pronounce it a first-rate time-keeper. I am making a very careful test of its performance, and will soon give you the results. I think it will show that the West can produce watches equal to the manufacture of any part of the world.

Yours truly, E. B. PHILLIPS, Pres't L. S. & M. S. R. R. Co.

OFFICE GEN'L SUP'T U. P. R. R., OMAHA, NEBRASKA, Dec. 16, 1869.

HON. T. M. AVERY, Pres't National Watch Co., Chicago, Illinois:

Dear Sir,—During the months that I have carried one of your B. W. Raymond Watches, it has not failed to keep the time with so much accuracy as to leave nothing to desire in this regard.

For accuracy in time-keeping, beauty of movement and finish, your watches challenge my admiration and arouse my pride as an American, and I am confident that, in all respects, they will compete successfully in the markets of the world with similar manufactures of older nations. They need only to be known to be appreciated.

Yours most respectfully, C. G. HAMMOND, Gen'l Sup't.

Various grades and prices made to suit different tastes. **No movements retailed by the Company.** ☞ Call on your Jeweler and ask to see the Elgin Watches.

Business Office and Salesroom, National Watch Company, corner of Green and Washington streets, Chicago.

ILLINOIS CENTRAL R. R.

CHICAGO TO ST. LOUIS

WITHOUT CHANGE OF CARS.

MAKING DIRECT CONNECTIONS AT ST. LOUIS FOR

Kansas City, Leavenworth, Atchison,
St. Joseph, Lawrence, Topeka,
Fort Scott, Denver, and all points Southwest.

CHICAGO TO CAIRO

WITHOUT CHANGE OF CARS.

100 MILES THE SHORTEST ROUTE
TO MEMPHIS, VICKSBURG, MOBILE,

NEW ORLEANS

AND ALL POINTS SOUTH.

THIS IS ALSO THE DIRECT ROUTE TO

Decatur, Pana, Vandalia, Terre Haute, Vincennes, Evansville, Shawneetown, Peoria, Canton, Keokuk, Warsaw.

CHICAGO to SPRINGFIELD without change of Cars.

THE DIRECT ROUTE TO

FARMER CITY, CLINTON, MT. PULASKI, AND SPRINGFIELD.

CHICAGO TO DUBUQUE AND SIOUX CITY,

WITHOUT CHANGE OF CARS.

The only direct route to Galena, Dubuque, Waterloo, Cedar Falls, Charles City, Ackley, Ft. Dodge and Sioux City.

Elegant Drawing-Room Sleeping Cars on all Night Trains.

BAGGAGE CHECKED TO ALL IMPORTANT POINTS.

TICKET OFFICES AT CHICAGO:

75 CANAL STREET, corner Madison; 121 RANDOLPH STREET, near Clark Street; GREAT CENTRAL DEPOT, foot of Lake Street; UNION DEPOT, foot of 22d Street.

W. P. JOHNSON,
Gen'l Pass. Agent, Chicago.

A. MITCHELL,
Gen'l Sup't. Chicago.

Chicago and Northwestern
RAILWAY.

COMPRISING THE TRUNK LINES FROM

CHICAGO,

Directly North, Northwest and West.

TRAINS OF THE GREAT CALIFORNIA LINE

Leave the Wells Street Depot twice daily, for

Sterling, Clinton, Dubuque, Cedar Rapids, Waterloo, Missouri Valley Junction, Sioux City, Yankton, Council Bluffs and Omaha,

CONNECTING AT COUNCIL BLUFFS WITH

THE UNION PACIFIC RAILROAD,

For Cheyenne, Denver, Ogden, Salt Lake, the White Pine Silver Mines, San Francisco, and all parts of Nebraska, Colorado, New Mexico, Arizona, Wyoming, Montana, Idaho, Utah, Nevada and

THE PACIFIC COAST.

TRAINS OF THE FREEPORT LINE

Also leave Wells Street Depot twice daily, for

Elgin, Rockford, Freeport, Galena, Dubuque, Fort Dodge, Sioux City, Yankton.

TRAINS OF WISCONSIN AND MADISON DIVISION

Leave Depot, Corner Kinzie and Canal Streets, for

Madison, Baraboo, Elroy, Black River Falls, Eau Claire, Stillwater, Hudson, St. Paul, Duluth.

This is the PIONEER ROUTE, carrying all classes of Passengers from Chicago to St. Paul WITHOUT CHANGE OF CARS.

TRAINS OF THE WISCONSIN DIVISIONS

Leave Depot, cor. Canal and Kinzie Sts., daily, for

Janesville, Whitewater, Prairie du Chien, Watertown, Portage City, Sparta,

AND ALL POINTS ON THE UPPER MISSISSIPPI RIVER.

Also for Ripon, Berlin, Fond du Lac, Oshkosh, Neenah, Appleton, Green Bay, Escanaba, Marquette and Lake Superior Country.

TRAINS OF THE MILWAUKEE DIVISION

Leave Depot, Corner Canal and Kinzie Streets, for

Evanston, Waukegan, Kenosha, Racine and Milwaukee, connecting at Milwaukee for all points in the Northwest.

This line has adopted all modern improvements in track and equipment—including Steel Rails, luxurious Day and Sleeping Cars with Miller Platforms and Westinghouse Safety Air Brake, thus offering to passengers a degree of safety and comfort to be obtained by no other route.

THROUGH TICKETS TO ALL POINTS in the WEST and NORTHWEST

Can be procured at all principal Ticket Offices in the United States or Canadas. Ask for tickets via the

"CHICAGO & NORTHWESTERN."

W. H. STENNETT, Gen'l Pass. Agent. MARVIN HUGHITT, Gen'l Superintendent.

Chicago & Alton Railroad.

Chicago, Kansas City & Denver Short Line

Via Bloomington and Jacksonville, Ill. and Louisiana and Mexico, Mo.,

—AND—

Chicago, Springfield, Alton and St. Louis Through Line.

Shortest, Quickest and Best Route from Chicago to

KANSAS CITY AND THE WEST,

AND ST. LOUIS AND THE SOUTH,

Joliet, Bloomington, Springfield, Alton, Jacksonville, Peoria, Keokuk, Moberly, Jefferson City.

ELEGANT DAY CARS

—AND—

PULLMAN PALACE SLEEPING and DINING CARS

Run through WITHOUT CHANGE to

KANSAS CITY AND ST. LOUIS.

THE ONLY LINE RUNNING A

Saturday Night Train to Springfield and St. Louis,

And making the time to

ST. LOUIS IN 11 HOURS.

The only line under one management from Chicago to

Springfield, St. Louis, Jacksonville and Jefferson City.

TICKET OFFICES:—*West Side Union Depot,* (always open) near Madison Street Bridge, and *122 Randolph Street.*

Trains Leave West Side Union Depot, Corner Canal and Madison Streets, near Madison Street Bridge.

J. C. McMULLIN,
General Superintendent, Chicago.

JAMES CHARLTON,
General Passenger and Ticket Agent, Chicago.

Chicago, Milwaukee & St. Paul

RAILWAY.

THE DIRECT SHORT LINE

FROM

CHICAGO TO MILWAUKEE

LA CROSSE, WINONA, LAKE CITY,

ST. PAUL!

And the ONLY ROUTE to

MINNEAPOLIS,

And All Points on the Upper Mississippi River, WITHOUT CHANGE OF CARS or Transfer of Baggage.

ALSO TO

PRAIRIE du CHIEN, CHARLES CITY,

MASON CITY, AUSTIN, OWATONNA,

(Only one Company,) and Connecting with all Lines in

Southern Minnesota and Northern Iowa.

SUPERIOR PALACE SLEEPING CARS

Arranged, finished and furnished with reference to substantial comfort and convenience, run through WITHOUT CHANGE, between

CHICAGO, MILWAUKEE, ST. PAUL AND MINNEAPOLIS

☞ Passengers by this Line reach more Pleasure Resorts and Business Centres, WITHOUT CHANGE OF CARS, than by any other Route to the Northwest.

TRAINS LEAVE CHICAGO

FROM UNION DEPOT, COR. CANAL AND WEST MADISON STREETS.

Get Tickets and Secure Sleeping Car Accommodations at

CITY OFFICE, No. 63 CLARK ST.,

AND AT THE DEPOT.

A. V. H. CARPENTER, Gen'l Pass'r & Ticket Ag't, Milwaukee.

JOHN C. GAULT, Ass't Gen'l Manager, Milwaukee.

S. S. MERRILL, Gen'l Manager, Milwaukee.

CHAS. R. CAPRON, General Agent

T. E. CHANDLER, Ticket and Passenger Agent, CHICAGO.

STAATS-ZEITUNG

Job Printing Co.

Corner Washington Street and Fifth Avenue.

(ENTRANCE ON FIFTH AVENUE.)

PRINTERS, BINDERS AND BLANK BOOK MANUFACTURERS

SPECIAL ATTENTION GIVEN TO FINE ENGLISH JOB PRINTING.

ALSO, PRINTING IN THE

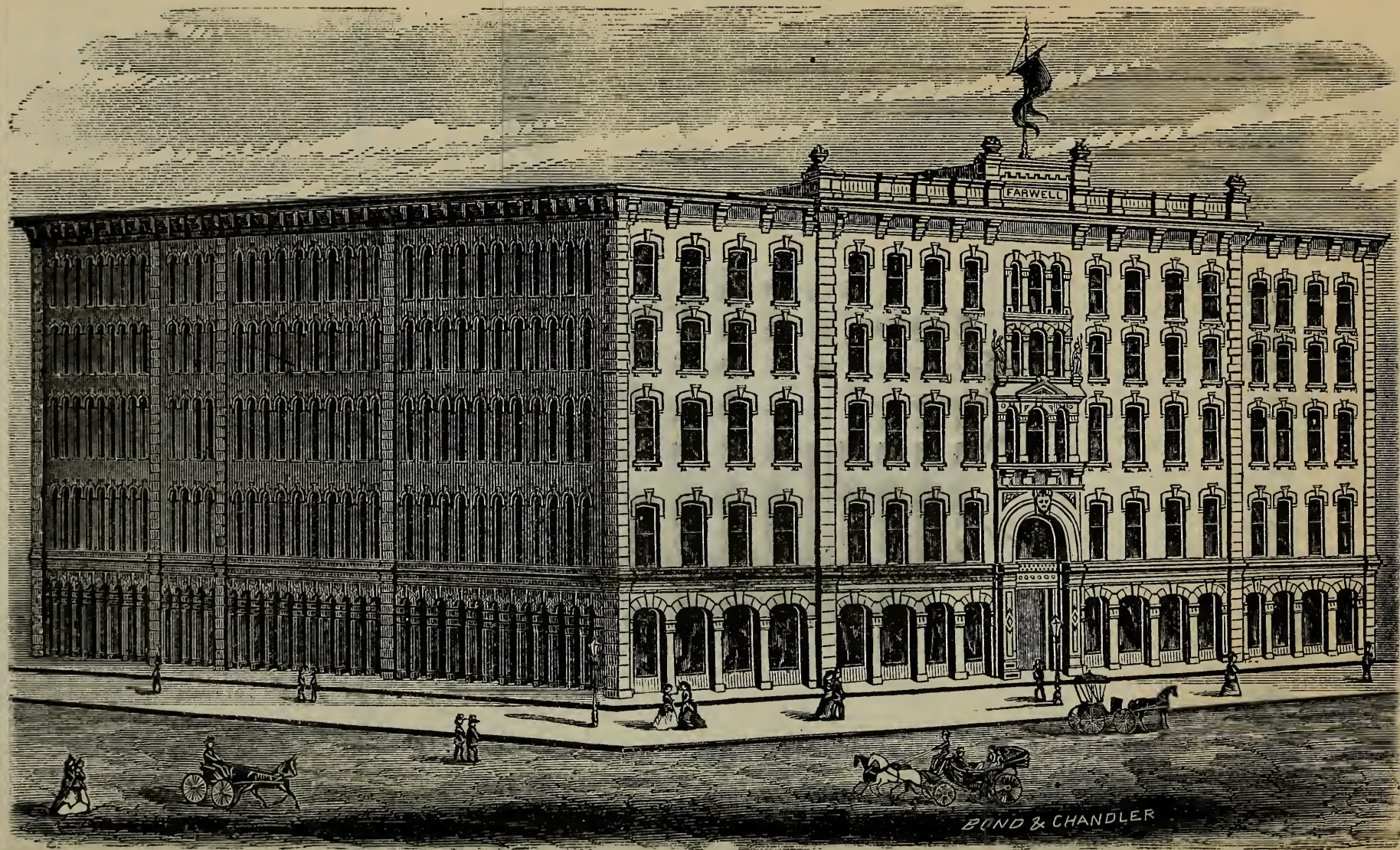
German, Swedish, Norwegian, Bohemian and French Languages,

Which, as regards accuracy, promptness and reasonable figures,

RIVALS ANY OFFICE IN THE WEST.

VISITORS to the Exposition anticipating extensive publications, will find it to their advantage to call and get an estimate from us, as our capacious office, well appointed bindery, and efficient corps of workmen (representing all nationalities), are equal to any undertaking in our line.

The INDUSTRIAL EXPOSITION CATALOGUE, printed in the English and German languages (two distinct editions), which was issued in three weeks from the time of commencement, is one of the many illustrations of our expediency in serving all those who are kind enough to patronize us.



J. V. FARWELL & CO. } **DRY GOODS,**
Cor. Franklin and Monroe Streets, CHICAGO.

IOWA RAIL ROAD LANDS,

OVER ONE MILLION AND A HALF ACRES

Now for sale, in tracts of 40 acres or more, by the

IOWA RAILROAD LAND COMPANY,

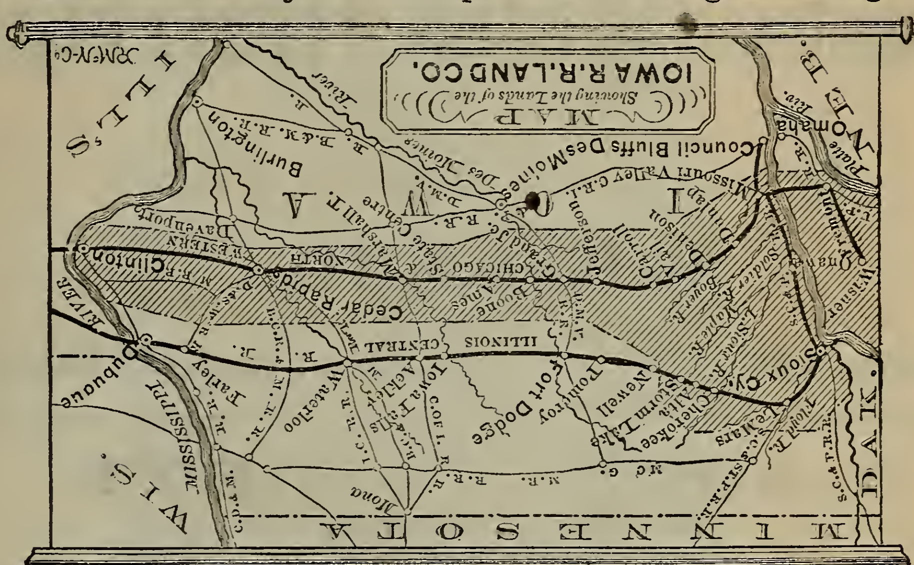
All lying adjacent to the Railroads, to which they were granted by the Government, as follows :

Chicago & Northwestern Railway Line in Iowa, - - -	855,965 Acres.
Illinois Central Railway Line in Iowa, - - - - -	587,953 Acres.
Sioux City & Pacific Railway Line in Iowa, - - - -	66,601 Acres.

And located in the middle region of Western Iowa.

Samples of the Soils and Productions of this region are on exhibition in the South Gallery of the Exposition Building in Chicago.

LANDS FREE FROM MORTGAGE.



NO FEVER AND AGUE.

AGRICULTURAL ADVANTAGES.

Average credit price, less than $6.00 per acre, and only 15 hours distant from Chicago, with no change of Cars. *Soil*—of great depth and productiveness. *Climate*—the most healthful. *Surface*—well drained, rolling prairie, plentifully watered with pure, living streams. Corn, wheat and all grains, of sure and abundant crop. The advantages of this district, for purposes of profitable agriculture, are best demonstrated by the fact, that every one examining the country with a view to settlement BUYS A HOME, and all that have bought are prosperous and contented.

TERMS OF PAYMENT

are made to suit the means of all classes. Interest on deferred payments only 6 per cent.

HOW TO REACH THESE LANDS FREE OF EXPENSE.

The Iowa Express Trains, leaving the Wells Street Depot in Chicago—via Dixon and Clinton, or via Freeport and Dubuque—run directly through without change. By these trains, land exploring tickets are sold receivable in payment for land purchased, thus, in fact, giving to every purchaser a free pass to his land.

These tickets can be had at the offices of the Company, No. 90 Randolph Street, Chicago, or Cedar Rapids, Iowa, and at R. R. Ticket Offices in Clinton and Dubuque. Field agents will accompany parties from Chicago and assist them in making choice selections. Agents at Stations are also provided with plats and prices and good teams to show the lands free to purchasers.

Maps and pamphlets giving descriptions, locations, prices and all needful information furnished free. Call on or address,

JOHN B. CALHOUN,
Land Commissioner.

OFFICES:

90 RANDOLPH STREET, CHICAGO.
CEDAR RAPIDS, IOWA.

American Clock Co.

AGENTS FOR

E. N. WELCH MANF'G CO. — *NEW HAVEN CLOCK CO.*

SETH THOMAS CLOCK CO. — *WELCH SPRING CO.*

SETH THOMAS' SONS & CO.

AND DEALERS IN EVERY VARIETY OF

Clocks and Clock Materials

No. 172 STATE STREET,

CHICAGO.

581 Broadway, NEW YORK. — 520 Market Street, SAN FRANCISCO.

LARGE VARIETY

OF ELEGANT

CARRIAGES,

Consisting in part of the following:

Landaus, Landaulets, Clarences, Coaches, Coupes, Broughams, Four and Six-seat Rockaways, Park Phætons, half and extension tops, T Carts, Dog Carts, Doctors' Phætons, Light Road Wagons on elliptic and side-bar Springs, Kimball Jump Seats, Pony Phætons on C Spring, with Calash and Canopy tops, Concord Bnggies, Omnibuses, &c., &c.
Hill's celebrated Concord Harness.

N. B. The attention of visitors is called to our Carriages on Exhibition in Dep't E. Sec. 3.

COAN & TEN BROEKE,

CARRIAGE MANUFACTURING CO.,

Randolph and Ann Streets, — *CHICAGO.*

The Most Elegant Jewelry Store in the World! The Largest and Finest Stock in the West! The Lowest Uniform Prices.

—o—

N. MATSON & CO.

Jewelers and Silversmiths.

We offer unusual inducements in Sterling Silver Ware.

Jewelry, Whitby Jet Goods and Silver Plated Ware.

IMPORTERS OF

FINE WATCHES, DIAMONDS.

FRENCH CLOCKS, ARTISTIC BRONZES,

FANCY GOODS, RUSSIA LEATHER GOODS,

FANS, PERFUMERY, ETC., ETC.

—o—

We invite all Visitors to the Exposition to an inspection of our Store and Stock.

N. MATSON & CO.

STATE & MONROE STS.

R. P. BLANCHARD,

Real Estate and Loan Broker,

No. 153 La Salle Street,

CHICAGO.

Buys and Sells Real Estate on Commission,

Buys & Sells Chicago and Cook County Mortgages,

LOANS MONEY FOR HOME AND FOREIGN CAPITALISTS.

Interest from Eight to Ten Per Cent., Payable Semi-Annually.

INTEREST AND PRINCIPAL PAYABLE WHERE LENDER MAY DIRECT.

EXAMINES TITLES,

And does a General Conveyancing Business.

THE LIBRARY OF CONGRESS

LIBRARY OF CONGRESS
00021159189